

AD-A215 607

USAFETAC/OS-19/213 SDCS 104 100 AFH GA

USAFETAC/OS-19/213

SURFACE OBSERVATION CLIMATE SUMM

100

MASSING AFB GA

REPORT BY

78-4, JAVELIN
ASHVILLE, NORTH CAROLINA
28401-2723

50TH 100 1000

APPROVED FOR PUBLIC RELEASE
DISTRIBUTION IS UNLIMITED

USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

SCOTT AIR FORCE AFB, ILLINOIS, 622

①

USAFSTAC/OS-89/P13

OBSERVATION CLIMATIC SUMMARIES

FOR

MISSING AREA GA

PREPARED BY

ST-4, USAFSTAC
FVILLER, NORTH CAROLINA
29901-2703

SEPTEMBER 1989

NOTED FOR PUBLIC RELEASE
DISTRIBUTION IS UNLIMITED

USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

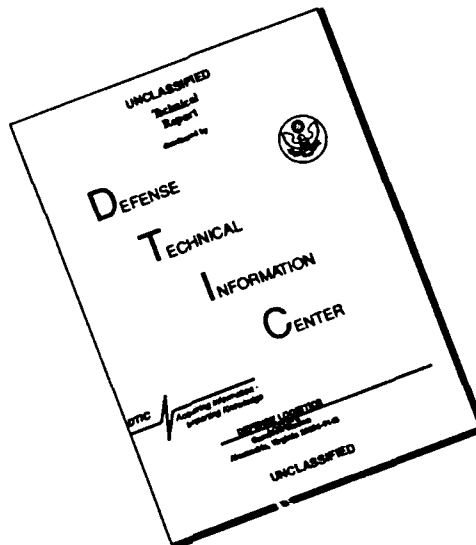
AFSC AFR, ILLINOIS, 62226-5438

Accession For	
NTIS GRA&I	☒
DTIC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

DTIC
ELECTE
NOV 29 1989
S E D

89 11 28 061

DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

REVIEW AND APPROVAL STATEMENT

USAFETAC/OS-39/214, SURFACE OBSERVATION OF
DORRINS AFB GA, SEPTEMBER 1947, HAS BEEN
FOR PUBLIC RELEASE. THERE IS NO OBJECTION
OF THIS DOCUMENT TO THE PUBLIC AT LARGE,
INFORMATION CENTER (OTIC) TO THE NATIONAL
(NTIS).

JOSEPH L. LEYER
CHIEF, CLIMATIC APPLICATIONS, JL-A

FOR THE COMMANDER

WALTER S. BIRGMAN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

APPROVAL STATEMENT

COAST GUARD OBSERVATION CLIMATIC SUMMARIES FOR
JANUARY 1939, HAS BEEN REVIEWED AND IS APPROVED.
THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION
TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL
INFORMATION SERVICE

REPORT DURING STAYING PERIOD

14. REPORT SECURITY CLASSIFICATION: UNCLASSIFIED
15. DISTRIBUTION/AVAILABILITY OF REPORT: APPROVED FOR
16. PERFORMING ORGANIZATION REPORT NUMBER: UNCLASSIFIED
17. NAME OF PERFORMING ORGANIZATION: OPERATING LEGAL
18. PERIOD SYMBOL: CA
19. ADDRESS: FEDERAL BUILDING, ASHEVILLE, NC 28801-
20. TITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOS)
21. TYPE OF REPORT: DATA SUMMARY
22. TIME COVERED: SEPTEMBER 1945 TO MAY 1946
23. DATE OF REPORT: SEPTEMBER 1946
24. SUPPLEMENTARY NOTES: EFFECTIVE 1 JULY 1946, DOCUMENTS FORMERLY KNOWN AS THE REVISED JEROME SUMM (JUSSUM) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES AND LISTS WILL CONTINUE IN USE, BUT WILL BE
25. COBATH CODES: FIELD--04, GROUP--02
26. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL WEATHER, CLIMING, CLOUD COVER, SNOW DEPTH, HUMIDITY, WIND, TEMPERATURE, VISIBILITY, WIND, SOCS, *ABSTRACTING
27. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOS) CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS AT USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. FROM A 10-YEAR PERIOD OF RECORD (1936). "SUMMARY OF MAY" (SOS) FROM ALL AVAILABLE DATA IN THE CL-A CLIMATIC DATABASE
28. DISTRIBUTION/AVAILABILITY OF ABSTRACT: APPROVED FOR UNLIMITED.
29. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED
30. NAME OF RESPONSIBLE INDIVIDUAL: JUDITH J. HUSTON
31. TELEPHONE: 704 259-0233 ADJUTANT 697-8692

 0.75 ± 0.04 1.73

IDENTIFICATION PAGE

CLASS: UNCLASSIFIED

APPROPRIATE: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

REPORT NUMBER: USAFETAC/OS-89/212

LOCATION: OPERATING LOCATION A, USAFETAC

ASHEVILLE, NC 28801-2723

CLIMATIC SUMMARIES (SICS) FOR DODGING AFB GA

MAY

1949 TO MAY 1988

1988 15. PAGE COUNT: 375

ON JULY 1, 1988, THIS REPORT REPLACES THE USAFETAC
CLIMATIC SUMMARY OF SURFACE WEATHER OBSERVATIONS
AND CLIMATIC SUMMARY (LISICS). EXISTING
LISICS, BUT WILL EVENTUALLY BE REPLACED BY A SICS.

OSR-88

CLIMATIC DATA, ATMOSPHERIC PHENOMENA,
WIND DIRECTION, HUMIDITY, PRESSURE, PRECIPITATION,
AND SICS. DODGING AFB GA.

CLIMATIC SUMMARIES (SICS) PROVIDE STATISTICAL
SUMMARIES OF OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED
STATIONS. MONTHLY OBSERVATIONS ARE SUMMARIZED FROM
JANUARY TO MAY (SIC) INFORMATION IS SUMMARIZED
IN A CLIMATIC DATABASE. *See page 6.*

APPROPRIATE: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION.

CLASS: UNCLASSIFIED

NAME: JUDITH J. HOSIER, JR.

DATE: 1987-03-01

220. OFFICE SYMBOL: DL-A/CA, USAFETAC

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATE SUMMARY AND STATION OBSERVATION PRODUCTS (FUNDING STATEMENT UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND OBSERVATION CLIMATE SUMMARY. (UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS. IT WAS FIRST INTRODUCED IN THE EARLY 1940'S AS THE "SUMMARY," ORIGINAL "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" IN 1946. THE PRODUCT GRADUALLY EVOLVED INTO THE "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" WHICH FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATE SUMMARY" JULY 1988.

THE SUMMARY (LIKE ITS PREDECESSORS) IS EDITED BY WAFB AT ASHEVILLE, NC 28801-2723. HERE, CLIMATE SUMMARY USES TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS FROM MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. THE DATA HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND ENTERED INTO THE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY COVERED THE PERIOD (A-H). THE ADDITIONS ARE THE OBSERVATION AND PRECEDING EACH PART IS A BRIEF DISCUSSION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS

SUMMARY

NO. 100 OBSERVATION CLIMATIC SUMMARY (SPOS)

PRODUCTS OF LONG STATION: THE RUSSIAN (REVISED
WEATHER OBSERVATIONS) AND LIQUIDS (LIMITED SURFACE
Y). RUSSIAN AND LIQUIDS NOW IN EXISTENCE WILL CON-
TINUE TO BE REPLACED BY SPOS.

IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT
IS KNOWN AS THE "SPOS", "SPOS SUMMARY", "SPOS
SUMMARY OF SURFACE WEATHER OBSERVATIONS", "SPOS"
IS DIVIDED INTO THE "RUSSIAN" AND THE "LIQUIDS". IT
IS KNOWN AS "OBSERVATION CLIMATIC SUMMARY" OR "SPOS" IN

NO. 100 IS PREPARED BY USA-LIAISON OPERATING LOCATION
A. 100, CLIMATE LOGS, 1ST STATE-DE-TEL-ACT-CL-
WEATHER OBSERVATIONS COLLECTED FROM SELECTED MIL-
ITARY STATIONS. SUMMARIES ARE PREPARED FROM DATA
DAILY-CONTROLLED, AND STORED IN CL-100'S DOCUMENT SUP-
PLY.

THIS PRODUCT ONLY THE SIX PARTS, SPOS PROVIDING
WEATHER OBSERVATIONS AND WEATHER-CLIMATIC SUMMARY.
A DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION
OF THE DATA IS PRESENT.

CONTENTS

INTRODUCTION.....	
STATION PLANT AND RECORDS.....	
DATA SOURCES.....	
TERMS EXPLAINED.....	
TIME CONVENTIONS.....	
ABBREVIATIONS.....	
SUMMARY OF DESCRIPTIONS.....	
STATION HISTORY.....	
PART I - ATMOSPHERIC PHENOMENA CLASSIFIED.....	
SPECIFIC PHENOMENA.....	
PERCENT OCCURRENCE BY MONTH.....	
PERCENT OCCURRENCE BY QUARTER.....	
PERCENT OCCURRENCE BY YEAR.....	
VERBAL SUMMARY OF CLIMATE--PERCENT OCCURRENCE.....	
PART II - PRECIPITATION, CLOUDS, AND SUN.....	
PRECIPITATION.....	
PERCENT OCCURRENCE BY MONTH.....	
MONTHLY TOTALS.....	
DAILY TOTALS.....	
CLOUDS.....	
PERCENT OCCURRENCE BY MONTH.....	
MONTHLY TOTALS.....	
DAILY TOTALS.....	
SUN.....	
PERCENT OCCURRENCE BY MONTH.....	
DAILY TOTALS.....	
CLOUDS/SUN.....	
FIRST AND LAST DAYS OF CLOUDS AND SUN.....	
PART III - SURFACE WIND.....	
PEAK WINDS (PERCENT BY AREA).....	
PEAK WINDS--PERCENT OCCURRENCE BY MONTH.....	
WIND DIRECTION VS WIND SPEED--PERCENT BY AREA.....	
PART IV - CLOUDS, VISIBILITY, AND SKY COVER.....	
CLOUDS VS VISIBILITY--PERCENT BY MONTH.....	
SKY COVER--PERCENT BY MONTH.....	

11

.....1
.....1
.....1
.....1
.....2
.....2
.....2

.....

.....A-1-1

..... (1-1)

NY (7-10-68).....1-3-1

... (") A-9-1

- - - - - 100% - - - - - 100% - - - - - 100% - - - - -

.....-1-1

..... - 1 - 1

.....

..... = 2 - 4

..... - 3 - 1

..... - 1 -

..... - 3 -

.....- -]

.....

.....

.....

1. POLICY (FBI) (NY).....2-2-1

.....-4-1

100

..... -2-

..... 1-3-1

PART 1 - TEMPERATURE AND RELATIVE HUMIDITY.....
 TEMPERATURES--CUMULATIVE (PER 1000 HOURS).....
 MAXIMUM.....
 MINIMUM.....
 MEAN.....
 MONTHLY TEMPERATURES (PER 1000 HOURS).....
 MAXIMUM.....
 MINIMUM.....
 MEAN.....
 DAY DUELS, NIGHT DUELS, DAY-NIGHT DUELS.....
 DAY DUELS.....
 NIGHT DUELS.....
 DAY-NIGHT.....
 RELATIVE HUMIDITY (CUMULATIVE PER 1000 HOURS).....
 CUMULATIVE PERCENT HOURS ABOVE 90%.....

PART 2 - PRESSURE (CUMULATIVE PER 1000 HOURS).....
 SEA LEVEL PRESSURE.....
 ALTITUDE CORRECTIONS.....
 STATION PRESSURE.....

PART 3 - CUMULATED DRAINAGE (CUMULATIVE PER 1000 HOURS).....
 PERCENT DRAINAGE (PER 1000 HOURS).....

PART 4 - CUMULATED DRAINAGE (CUMULATIVE PER 1000 HOURS).....
 HEATING DRAINAGE (DAY).....
 COOLING DRAINAGE (DAY).....

INTRODUCTION

STATION PERIOD OF RECORD:

HOURLY OBSERVATIONS: JUN 74 - MAY 84 (AIRWAY)

SUMMARY OF DAY DATA: SEP 44 - JAN 83 (FULL T)

SUMMARY OF DAY DATA: FEB 83 - MAY 84 (PART T)

HOURS SUMMARIZED: 00-23 LST (SEP 44 - JAN 83)

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "SUMMARY OF DAY DATA," DEPENDS ON THE PERIOD SUMMARIZED. THE TWO SOURCES ARE DEFINED IN THE

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION IS A DISTRIBUTION OF TWO RELATED VARIABLES. A BIVARIATE DISTRIBUTION OF CLOUDS AND VISIBILITY IS AN EXAMPLE OF A BIVARIATE DISTRIBUTION. A BIVARIATE DISTRIBUTION IS A DISTRIBUTION OF TWO VARIABLES. THE TWO VARIABLES ARE CLOUDS AND VISIBILITY. THE TWO VARIABLES ARE CLOUDS AND VISIBILITY. THE TWO VARIABLES ARE CLOUDS AND VISIBILITY.

HOURLY OBSERVATIONS: ALL RECORD OF RECORD-SPECIFIC DATA (OR EQUIVALENT) AT SCHEDULED HOURS.

SUMMARY OF DAY (SID) DATA: DATA COMPILED FROM ALL SOURCES, INCLUDING HOURLY OBSERVATIONS, OR OTHER ACTUAL "SUMMARY OF DAY" DATA RECORDED IN ONE (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: ONLY OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE

MEASURABLE AMOUNT: ANY PRECIPITATION OR SIGNIFICANT TRACE.

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

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, THE PERCENT OCCURRENCE FREQUENCY (POF) IS THE PERCENT OCCURRENCE FREQUENCY (POF) OF A GIVEN EVENT OR EVENT. AS THE PERCENT OCCURRENCE FREQUENCY (POF) OF A GIVEN EVENT OR EVENT IS GIVEN AS A PERCENT OF ALL OCCURRENCES (PERIOD SUMMARIZED). FOR EXAMPLE, IF WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT OCCURRENCE FREQUENCY."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL

INTRODUCTION

JUN 74 - MAY 84 (AIRWAYS).

SEP 45 - JAN 63 (FULL TIME).

JUN 63 - MAY 84 (PART TIME).

23 LST (SEP 45 - JAN 63), 06-23 LST (FEB 63 - MAY 84).

THIS ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR REPORTS ON THE PHENOMENA OR OCCURRENCE BEING OBSERVED AND DEFINED IN "TERMS EXPLAINED."

A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTION OF TWO VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF VISIBILITIES IN PART 9. EACH ROW AND EACH COLUMN DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCY DISTRIBUTION IS THE INTERSECTION OF THE ROW AND COLUMN DISTRIBUTIONS.

RECORDED OR RECORDED-SPECIAL OBSERVATIONS ON AWS (AWS) AT SCHEDULED HOURLY INTERVALS.

THIS DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL DATA, OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A BY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OBSERVED DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

VALUES DIVIDED BY THE NUMBER OF VALUES.

PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A

WITH THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS ODD, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE

PERCENT (PDF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES AN EVENT OCCURS. IN THE SACS, THIS IS EXPRESSED AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE. FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS, THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT. THIS MAY BE USED INTER-CHANGEABLY WITH "PERCENT FREQUENCY".

THIS IS THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID OR EQUIVALENT.

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

TIME CONVENTIONS: ALL TIMES IN THE STOS ARE EXPRESSED (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

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

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST SIGNIFICANT SHOWFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT
ANN	ANNUAL	"
BARO	BAROMETER	MM
C	CENTIGRADE (CELSIUS)	"
DEG	DEGREE	MC
DR	DRY BULB TEMPERATURE	MTAS
DW	DEW POINT TEMPERATURE	MT
E	EQUAL	"
F	FAHRENHEIT	LST
FRZG	FREZZING	DEF
FT	FEET	PREC
GE	GREATER THAN OR EQUAL TO	"
GMT	GREENWICH MEAN TIME	GR
GT	GREATER THAN	TEMP
IN	INCHES OF MERCURY	TEMP
HT	HEIGHT	VIS
KTS	KNOTS	VIS
LE	LESS THAN OR EQUAL TO	"
LST	LOCAL STANDARD TIME	WIND
		JTC

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA

* JTC REPLACED GMT ON 1 AUGUST 1966

THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER

MEASURE OF DISPERSION OR THE VARIABILITY OF THE
 BUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD
 OF THE VARIABILITY.

VALUES IN THE SDCS ARE EXPRESSED IN LOCAL STANDARD TIME
 MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS.
 DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE
 6-HOUR PERIODS (ALL LST):

1200-1400
 1500-1700
 1800-2000
 2100-2300

PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE
 IN OBSERVATION COUNTS.

LT	LESS THAN
M	METER
MM	MILLIMETER
MS	METERS PER SECOND
MSL	MEAN SEA LEVEL
MEAS	MEASURABLE
NO.	NUMBER
NOBS	OBSERVATION
NOST	OBSERVATION
POF	PERCENT OCCURRENCE FREQUENCY
PRECIP	PRECIPITATION
SD	STANDARD DEVIATION
SUM	SUMMARY OF DAY
TEMP	TEMPERATURE
TSTM	THUNDERSTORM
VSPY	VISIBILITY
VSN	VISION
WB	WET BULB TEMPERATURE
WBAW	WAS FORM 10/10A
UTC	COORDINATED UNIVERSAL TIME

A DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SDCS.

1966

STATION ID.	STATION NAME	LOCATION
IN SUMMARY		
722273	PEARSON AFB, MARIETTA GA	133 56

STATION LOCATION AND ELEVATION DATA							
N	GEOGRAPHICAL LOCATION & NAME			T	A T L		
					E		
L				S	T		
1	A	AAF GA		AAF	S	46	46
2	M	AFB GA		AFB	J	46	50
3	D	AFB GA		S	M	50	56
4	S			S	M	56	63
5	S			S	F	63	63
6	S			S	J	63	63
7	S			S	S	63	64
8	S			S	M	64	69
9	S			S	M	69	72
10	S			S	J	73	76
11	S			S	F	76	77
12	S			S	M	77	77

SURFACE WIND EQUIPMENT INFORMATION									
N	C	LOCATION						TYPE OF TRANSMITTER	TY
L									
1	S	46	A	3			S		
2	J	48	J				S		
3	J	50	A				S		ML-
4	M	54	S				S		S
5	M	56	S				S		S
6	M	62	S				S		S
7	M	63	500'S & 1200' A		7-8		AN/592-11		10-
8	M	64	500'S & 1200' F		10		S		S
9	J	73	500'S & 1250' S		11		GM-20		S
10	J	80	S				S		S

LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	IMO NUMBER
1 33 55	4 04 31	1060	MSF	72227

STATION AND INSTRUMENTATION HISTORY

A	T	L		LATITUDE	LONGITUDE	FLD (FT)	BARO (FT)	PER DAY
S	40	M	40	1 33 55	4 04 31	1009	1016	24
J	41	F	50	S	S	1040	S	24
M	50	F	60	S	S	S	S	24
M	55	J	63	S	S	1078	S	24
F	63	J	65	S	S	S	1083	18
J	63	A	63	S	S	S	S	24
S	63	M	55	S	S	S	S	18
M	67	M	63	S	4 04 32	S	S	24
A	69	J	72	S	S	S	S	18
J	73	J	75	S	4 04 31	1068	1016	12
F	75	F	77	S	S	S	S	24
M	77	J	82	S	S	S	S	10

STATION INFORMATION

TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
S	S	32	
S	N	N/A	
S	ML-144	53	
S	S	102	
S	S	75	
S	S	48	
A4/GM-11	60-2	21	
S	S	S	
GM-20	S	21	
S	S	S	

cccccccc
cccccccccc
cc cc
cc cc
cccccccccc
cccccccccc
cc
cc
cc
cc
cc

AAAAAA
AAAAAAAAA
AA AA
AA AA
AA AA
AAAAAAAAAAAA
AAAAAAAAAAAA
AA AA
AA AA
AA AA
AA AA

xxxxxxx
cccccccccc
RR RR
RR RR
xxxxxxxxxx
xxxxxxxxxx
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

XXXXXXXX
XXXXXXXXXX
XX XX
XX XX
XXXXXXXXXX
XXXXXXXXXX
XX
XX XX
XX XX
XX XX
XX XX

XXXXXXXXXX
XXXXXXXXXX
XX
XX
XX
XX
XX
XX
XX
XX
XX

AAAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAA
AAAAAAA
AA AA
AA AA
AA AA

1
1
B
1
1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDER

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, OR
PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN

HAIR: ALL OCCURRENCES OF HAIR.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTED
MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED.
THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES
IN THIS CATEGORY.

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

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CAT
SPRAY, IF AND AS REPORTED.

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (IF
SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS
FOLLOWS:

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

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

1. OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

2. DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

3. FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

4. SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE
PELLETS (SOMETIMES KNOWN AS SMALL HAIL).

5. ICE.

6. ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE
PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION,
THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES

7. FOG, ICE FOG, AND GROUND FOG.

8. VIB, OR COMBINATIONS OF THE TWO.

9. FLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

10. BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

11. OBSTRUCTIONS TO VISION WHICH ACCOUNTS FOR BLOWING

12. THIS CATEGORY INCLUDED ALL REPORTS OF OBSTRUCTIONS
TO VISION. IF MORE THAN ONE OBSTRUCTION TO VISION MAY BE
REPORTED, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL
CATEGORIES IN THIS CATEGORY.

13. OCCURRENCE FREQUENCY.

14. OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA
FROM ALL OBSERVATIONS ONLY, AND IS SUMMARIZED AS

15. TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

16. ALL HOURS COMBINED).

17. ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (10).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED BY
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL Y

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THE
THUNDERSTORM OBSERVATION. DATA IS SUMMARIZED SAME AS THE

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE
THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND
DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL DATA

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. DATA
RECORD (ON AND FORMS 10/10A) AND TRANSMIT LENGTH ONLY
PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS
JANUARY 1958, BUT SYNOPTIC STATIONS ALWAYS DID. METAR
STATIONS STARTED RECORDING ALL ATTEMPTING TO RECORD THE
CONTINUED TO TRANSMIT ONLY THE HIGHEST VALUE. FOR SYNOPTIC
OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY IN 1958. WITH
THESE PROCEDURES, THE USARFAC DATABASE WOULD BE INCOMPLETE.
THEREFORE, THE INSTRUCTION TO VISIBILITY (AND IT'S LOCATION)
SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE DIFFERENT.

NOTE 2: FOREIGN METAR REPORTING STATIONS--USARFAC--
VISION WHEN VISIBILITIES EXCEEDED 1000 METERS.

NOTE 3: A VALUE OF "0.0" IN ANY FORMER REPORTS IS
ASSUMED, AND NOT TO BE LESS THAN 0.0001.

NOTE 4: DURING PART TIME PERIODS, THIS TABLE ONLY
ALL/12 WEEKEND OCCURRENCE OF CERTAIN PHENOMENA.

100 PERCENT FREQUENCY (100).

IN PART A THAT IS DERIVED FROM SUMMARY OF DAY
ENTIRELY AND ANNUALLY FOR ALL YEARS COMBINED.

100 PERCENT FREQUENCY.

100 PERCENT FREQUENCY OF THUNDERSTORMS REPORTED IN
IS SUMMARIZED AS AT FIRST TABLE IN THIS PART.

100 PERCENT FREQUENCY OF OCCURRENCE FREQUENCY.

100 PERCENT FOR ALL HOURS AND YEARS COMBINED. WIND
SPECIFIED BY THE LOCAL WEATHER STATION.

100 PERCENT FREQUENCY. METAR AND SYNOPTIC REPORTING STATIONS
ALL TRANSMIT LONGER ONLY THE HIGHEST ORDER ATMO-
SPHERIC. METAR STATIONS STARTED THIS PROCEDURE IN
1970. METAR IS ALWAYS 100 PERCENT. IN JANUARY 1970, METAR
STATIONS REPORTED ONLY THAT AFFECTED VISIBILITY, NOT
THE HIGHEST ORDER. FOR EXAMPLE, IF THE REPORT WAS
"R", ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF
THIS, DATA WOULD SHOW ONLY RAIN AS AN OBSTRUCTION.
VISIBILITY (AND TOTAL CLOUD EXTENT, PRECIPITATION)
AND STATIONS ARE HIGHLY RELIABLE.

100 PERCENT FREQUENCY. METAR TRANSMIT ONLY OBSTRUCTIONS TO
VISIBILITY.

100 PERCENT FREQUENCY. METAR TRANSMIT ONLY THAT, I.
VISIBILITY.

100 PERCENT FREQUENCY. METAR TRANSMIT ONLY THAT, I.
VISIBILITY.

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE, NC

PERCENTAGE FROM 1967 TO 1970
 FROM 1967 TO 1970

STATION NUMBER: 722270

STATION NAME: DRAINS AREA
 LST TO HIG: + 6

STARS (LST)	TSIMS	LIQUID PRECIP	FROST PRECIP	FROZEN PRECIP	RAIL	ALL PRECIP	WIND PRECIP	WIND PRECIP
00-02		15.0				15.0	40.0	1.0
03-05	.4	11.3	1.5	2.2		13.0	23.7	1.1
06-08	.2	11.3	1.2	2.4		12.9	21.0	2.0
09-11		13.0	.3	3.5		17.8	22.1	7.7
12-14	.1	12.2	.1	2.5		12.9	12.0	4.7
15-17		11.1		1.0		12.2	18.0	1.0
18-20		13.2	.3	2.1		13.7	17.1	1.0
21-23	.1	13.5	.2	2.2		13.7	18.0	1.0
ALL 40-115	.1	12.4	.5	2.9		12.4	31.0	1.0

00-02		13.3				13.3	48.0	
03-05	.4	11.0	.4	2.2		11.0	22.0	1.1
06-08	.4	13.3	.4	2.6		13.3	27.0	2.6
09-11		12.2	.5	3.5		13.3	23.4	7.7
12-14	.4	15.5	.1	2.5		17.1	17.0	5.0
15-17	.9	15.0	.1	2.0		15.7	18.0	2.7
18-20	1.5	15.3	.4	2.3		17.7	18.5	2.0
21-23	.7	15.0	.7	2.5		16.1	18.1	2.0
ALL 40-115	.6	14.5	.8	2.8		17.9	19.0	3.0

RECORD OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA (NOT NECESSARILY ESTIMATED)

STATION: ... PERIOD OF RECORD: JUL. 7 - MAY
 MONTH: JAN.

ALL PRECIP	RRG	SNOW 4/24 6/25	BLUING SNOW	DUST 4/24 SAID	ALL DUST 12/25	TOTAL NO. OF HRS
18.0	40.0	5.0	5.0		68.0	30
18.0	23.7	1.1	.4		43.1	274
14.3	20.0	2.5	.3		43.5	445
17.4	23.1	7.2	.3		48.0	505
16.3	17.4	4.2	.2		37.1	243
15.3	16.3	1.5			33.1	255
15.7	17.1	1.7	.1		34.6	256
14.7	15.5	1.0			31.2	241
15.4	20.0	2.2	.2		37.8	5575

MONTH: FEB

15.2	44.4				77.6	7
15.5	22.2	1.1	.4		39.2	281
15.2	27.2	3.4	.4		46.2	440
16.3	23.4	7.7	.4		47.7	549
17.1	17.1	3.5	.1		37.8	349
15.7	16.0	2.7	.4		37.8	342
17.7	16.5	2.0	.2		36.4	349
15.1	16.1	2.5	.1		33.7	249
17.6	13.7	3.5	.3		41.1	5354

OPERATING LOCATION NAME
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VA
FROM DAILY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREFZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	POS	SARCS 1/32 INCH	SL

00-02

03-05	.7	12.2	.4	.7		13.3	20.1	2.5	

06-08	.5	11.3	.1	.5		12.9	22.9	4.4	

09-11	.5	10.3		.9		11.6	17.7	7.2	

12-14	.5	7.5	.3	.4		8.2	9.4	4.7	

15-17	.5	5.2		1.0		9.1	5.4	2.7	

18-20	.5	10.1	.3	.4		10.9	10.3	1.4	

21-23	.5	10.1	.3	.9		11.7	10.2	.6	

ALL HOURS	.6	9.2	.2	.7		10.7	13.5	3.5	

00-02

03-05	.3	8.7				8.7	18.0	2.2	

06-08	.3	10.1		.1		10.2	20.7	5.0	

09-11	.7	2.1		.3		5.4	2.9	5.0	

12-14	1.3	5.6		.2		8.6	4.6	3.0	

15-17	2.2	7.4		.1		7.6	4.3	3.3	

18-20	1.7	7.0		.2		7.2	5.1	2.4	

21-23	1.0	5.8		.3		7.0	7.3	1.3	

ALL HOURS	1.3	6.1		.2		8.3	9.3	3.7	

A

A - 2 - 2

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

LAKE GA PERIOD OF RECORD: JUN 76 - MAY 86
MONTH: MAR

ALL PRECIP	FOG	SMOKE E/DP HAZE	BLOWING SNOW	DUST E/DP SAND	ALL INST TO VSN	TOTAL NO. OF HRS
						0
13.3	20.1	2.5			35.9	279
12.0	22.3	4.4			39.4	930
11.5	17.2	7.2	.2		36.9	930
4.3	9.4	4.5	.3		22.5	930
2.1	3.4	2.2	.2		20.5	930
10.2	10.3	1.4			22.5	930
11.2	10.2	.6			22.0	930
10.7	13.5	3.5	.1		27.7	5550

MONTH: APR						
						0
.7	14.0	2.2			29.5	355
14.2	20.7	5.0			39.9	900
.4	2.9	6.0		.2	24.5	900
1.	4.6	3.5		.2	17.4	900
7.6	4.3	3.2			15.7	900
7.2	5.1	2.4			14.3	900
7.2	7.3	1.3			15.5	757
4.3	2.3	3.7		.1	21.3	5523

OPERATING LOCATION "AM"
HSAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: Dobbins AFB GA
LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	F IG	SMOKE 6/34 HAZE	BL

00-02

03-05	1.4	4.9				4.9	25.2	7.1	
06-08	.3	5.5				5.5	27.5	13.1	
09-11	.9	5.7				5.7	11.7	17.7	
12-14	1.7	3.1				3.1	4.9	12.7	
15-17	3.7	3.4				3.4	3.3	11.2	
18-20	2.8	5.5				5.5	4.7	11.2	
21-23	3.6	5.5				5.5	4.0	9.4	

ALL HOURS	2.1	5.5				5.5	11.7	12.3	

00-02

03-05	.7	3.9				3.9	35.2	18.9	
06-08	.5	4.5				4.5	35.1	31.4	
09-11	1.0	5.0				5.0	11.5	30.2	
12-14	2.2	5.2				5.2	2.4	24.4	
15-17	3.3	5.0				5.0	2.2	12.1	
18-20	3.7	4.6				4.6	2.7	15.0	
21-23	3.0	4.7				4.7	5.3	12.6	

ALL HOURS	2.1	4.3				4.3	12.7	22.7	

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

AFN GA

PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: MAY

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL BEST TO VSN	TOTAL NO. OF HRS

3

4.9	25.2	7.1			37.2	588
5.5	27.5	13.1			46.3	930
5.7	11.7	17.7			35.1	930
5.1	4.9	12.7			25.7	930
4.4	3.3	11.2			23.0	925
5.5	4.7	11.2			21.4	922
5.5	4.0	9.8			23.3	613

5.5	11.7	12.2			30.4	5144

MONTH: JUN

0

2.8	35.2	14.9			58.0	540
4.5	35.1	31.4			72.1	900
5.5	11.6	30.2			47.3	900
5.2	2.4	24.4			32.1	900
5.	2.2	12.1			25.3	900
4.6	2.7	15.0			22.2	900
4.7	5.3	12.5			22.8	600

4.4	12.7	22.3			39.2	5640

OPERATING LOCATION "A"
 USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH
 FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: OBBINS AFB GA
 LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREZZ PRECIP	FROZEN PRECIP	HAIR	ALL PRECIP	FOG	SMOKE OR HAZE
00-02							65.7	
03-05	.2	4.1				4.1	39.2	26.7
06-08	.2	5.7				5.7	34.4	37.7
09-11	.4	5.1				5.1	11.4	43.4
12-14	2.3	5.1				5.1	3.3	34.2
15-17	6.3	5.5				5.5	2.7	34.2
18-20	6.7	5.5				5.5	4.9	25.4
21-23	4.8	5.3				5.3	3.3	25.2
ALL HOURS	3.2	5.3				5.3	13.7	34.1

00-02		100.0				100.0	50.0	
03-05	.4	3.4				3.4	40.1	30.0
06-08	.4	3.0				3.0	44.2	41.0
09-11	.3	3.4				3.4	10.3	45.5
12-14	2.6	4.5				4.5	1.9	35.1
15-17	5.5	7.3				7.3	2.2	33.4
18-20	5.9	5.5				5.5	3.7	29.8
21-23	4.5	2.0				3.0	6.7	26.0
ALL HOURS	3.1	5.1				5.1	14.5	35.3

0

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

AREA: GA PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: JUL

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLANKING SNOW	DUST &/OR SAND	ALL BEST TO VSM	TOTAL NO. OF HRS
	56.7				56.7	3
4.1	38.2	26.9			69.3	557
5.7	34.4	37.7			77.2	926
7.1	11.4	43.5			60.4	930
6.1	3.3	38.2			46.6	930
7.5	2.7	34.2			46.5	930
6.5	4.7	29.8			40.2	930
5.3	3.3	26.2			40.8	623
5.3	13.7	34.1			54.2	5427

MONTH: AUG

100.0	50.0				100.0	5
3.4	40.1	30.2			73.7	559
3.0	44.2	41.0			88.2	930
3.4	10.3	46.5			60.2	930
4.5	1.9	35.1			41.6	930
7.3	2.2	33.4			42.9	930
5.6	3.7	29.6			39.0	930
5.1	6.7	26.0			40.7	624
5.1	14.5	35.3			54.9	5833

OPERATING LOCATION "A"
USAFETAG, ASHVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

0.01
0.01

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	SLG	SIXTH WIND HAZ	ALSO SLG

00-02							25.0		
03-05		5.1				5.1	40.7		16.2
06-08	.1	5.7				5.7	47.0		24.1
09-11	.1	5.0				5.0	13.2		30.9
12-14	.7	7.1				7.1	9.0		21.4
15-17	2.1	5.5				5.5	5.2		18.0
18-20	2.3	7.5				7.5	7.3		15.4
21-23	2.0	5.4				5.4	7.5		15.3

ALL HOURS	1.1	7.0				7.0	13.4		20.9

00-02									
03-05		7.2				7.2	27.4		2.4
06-08	.3	8.7				8.7	35.4		5.4
09-11	.4	5.7				5.7	19.7		14.0
12-14	.2	8.3				8.3	11.6		7.5
15-17	.5	7.2				7.2	9.8		4.0
18-20	.4	7.5				7.5	11.2		5.0
21-23	.2	8.1				8.1	14.0		5.4

ALL HOURS	.3	8.1				8.1	18.0		7.1

QUANTITY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

APR 68 PERIOD OF RECORD: JUN 76 - MAY 36
MONTH: SEP

ALL PRECIP	FUG	SMOKE S/DR HAZE	BLOWING SNOW	DUST S/DR SAND	ALL TEST TO VSA	TOTAL NO. OF DAYS
	25.0				25.0	4
1.1	40.7	16.2			63.0	543
1.7	47.0	24.1			77.3	900
1.2	19.2	30.3			59.1	900
1.1	9.0	21.4			37.6	900
1.0	5.2	13.6			22.3	900
1.1	7.3	15.4			31.3	900
1.0	11.5	15.3			30.6	902
1.2	16.7	20.2			46.7	5549

MONTH: OCT

						0
1.1	27.4	2.2			37.2	541
1.7	35.4	5.2			50.9	930
1.7	12.7	14.0			42.4	930
1.3	11.6	7.5			27.4	930
1.2	9.4	4.0			21.9	930
1.5	11.2	5.9			24.5	930
1.1	14.0	5.4			27.5	565
1.1	14.0	7.1			33.2	5255

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODGINS AFB GA
LST TO UTC: + 5

DATE
MONTH

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FG	SMOKE 6/10 HAIL	WIND KTS

00-02		11.3				11.3	35.3		
03-05	.4	12.3				12.3	28.7	1.4	
06-08	.6	12.1		.1		12.2	45.0	5.4	
09-11	.3	12.4		.1		12.5	25.4	10.7	
12-14		10.1				10.1	15.6	6.0	
15-17		9.3				9.3	14.5	3.1	
18-20	.1	10.1				10.1	10.0	3.1	
21-23	.3	13.1				13.1	14.3	3.1	
ALL HOURS	.2	11.4		.0		11.4	21.2	5.1	

00-02									
03-05		11.7		.4		12.1	25.5	.4	
06-08	.1	12.7		.4		13.0	27.7	1.6	
09-11		12.1	.1	.4		12.6	24.2	7.0	
12-14	.1	10.5	.2	.2		10.9	13.8	3.6	
15-17	.1	9.3	.1			9.5	11.3	3.1	
18-20	.2	8.1	.2	.1		8.5	13.4	1.2	
21-23	.1	9.3	.7	.4		10.5	14.5	.7	
ALL HOURS	.1	10.4	.2	.3		10.7	17.9	2.7	

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

AFR 6A

PERIOD OF RECORD: JUN 78 - MAY 79
MONTH: NOV

ALL PRECIP	FPS	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	ALL CAST TO VSN	TOTAL NO. OF HRS
11.9	35.3				47.1	17
12.9	28.7	1.9			43.3	282
12.2	45.0	5.9			54.0	900
12.5	25.4	10.7			48.7	900
10.1	15.6	6.0			31.9	900
9.9	14.5	3.1			27.4	900
10.1	15.0	3.1			26.2	900
10.1	10.3	3.1			34.5	900
11.4	21.2	5.1			37.9	5643

MONTH: DEC

						5
12.1	25.5	.9			33.5	247
13.0	27.7	1.5			42.2	813
12.8	24.2	7.0			43.3	813
12.9	13.8	3.5			28.3	313
9.5	11.3	3.1			23.9	813
8.5	13.4	1.2			23.1	813
12.8	14.8	.7			26.0	813
10.7	17.9	2.7			31.5	5131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS AT 1000
FROM 1 JULY 1951 TO 1 JULY 1952

STATION NUMBER: 722270

STATION NAME: DEARBORN AFB GA
LST TO UTC: + 5

100
100

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FG	SMOKE 8/10 H2O	AD. W.
JAN	.1	12.4	.5	2.4		15.4	20.0	2.0	.
FEB	.6	14.5	.4	2.5		17.4	19.5	5.0	.
MAR	.6	9.7	.2	.7		10.7	13.7	2.5	.
APR	1.3	5.1		.2		6.3	9.3	3.7	.
MAY	2.1	5.5				6.7	11.7	12.3	.
JUN	2.1	4.5				4.7	12.7	22.3	.
JUL	3.2	5.3				5.3	13.7	34.1	.
AUG	3.1	5.1				5.1	14.5	35.3	.
SEP	1.1	7.0				7.0	13.1	20.0	.
OCT	.3	7.1				.1	13.0	7.1	.
NOV	.2	11.4		.2		11.4	21.2	5.1	.
DEC	.1	10.4	.2	.3		10.9	17.9	2.7	.
ANNUAL	1.3	8.6	.1	.5		9.2	15.9	13.9	.

RECORD OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION: 3A PERIOD OF RECORD: JUN 75 - MAY 80
HOURS: ALL

ALL PRECIP	FOG	SMOKE 6/10 HAZE	BLOWING SNOW	DUST 6/10 SAND	ALL INST TEMP	TOTAL NO. OF HRS
15.4	20.0	2.0	.2		34.6	5595
17.4	19.8	3.6	.3		41.0	5364
14.7	13.7	2.5	.1		27.7	5810
14.3	9.3	3.7		.1	21.3	5623
14.5	11.7	12.2			30.4	5444
14.7	12.7	22.3			39.4	5540
14.3	13.7	34.1			44.2	5324
14.1	14.5	35.3			44.9	5335
7.6	14.1	23.0			45.7	5244
.1	13.0	7.1			32.2	5455
11.4	21.2	5.1			37.3	5699
17.2	17.2	2.7			31.5	5131
.0	15.9	13.0	.0	.0	38.1	57927

OPERATING LOCATION: ASH
 ISAFETAG, ASH-VILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH WINDS
 10 MPH OR MORE

STATION NUMBER: 722270

STATION NAME: 10 SWS 48-0A
 LST TO UTC: +05

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HALE	ALL PRECIP	WIND
JAN	3.4	41.2	2.9	9.7		41.4	41.2
FEB	5.3	41.3	1.3	7.5	.1	44.2	41.3
MAR	7.3	41.7	.1	9.3	.1	43.2	41.7
APR	13.1	35.6		.2	.4	36.3	35.6
MAY	17.5	37.6			.7	37.6	44.7
JUN	26.4	43.1			.6	43.1	43.1
JUL	34.7	47.5			.1	47.5	47.5
AUG	26.2	39.1			.1	39.1	39.1
SEP	13.1	34.4			.1	34.4	34.4
OCT	3.5	27.2				27.2	27.2
NOV	2.4	36.5	.2	1.7		36.2	41.1
DEC	2.2	34.0	1.1	1.7		31.1	34.0
ANNUAL	13.1	34.5	.4	2.4	.1	35.4	41.1

NO. OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FOR JANUARY OF EACH YEAR

ALASKA

PERIOD: 1941-1945: 4901-4905
 MONTH: ALL HOURS: ALL

WIND	ALL PRECIP	FOG	SMOKE 5/10- HAIL	BLUING 5/10- STN	WIND 5/10- DAMP	ALL WIND	TOTAL NO. OF DAYS
	41.4	45.2	29.2	.6		60.4	1221
.1	44.2	45.4	21.2	.4		59.8	1128
.	43.7	41.7	19.7	.2	.1	55.2	1090
.4	35.5	35.	12.4			51.	1000
.7	37.5	44.7	33.3		.1	60.3	1240
.7	40.1	43.4	45.5		.1	71.2	1192
.8	41.5	38.5	31.5			70.0	1197
.1	39.1	51.2	34.2			77.6	1195
.1	34.4	51.5	41.1			67.7	1170
	27.2	41.2	21.2			59.5	1107
	36.2	40.1	18.1			57.2	1170
	41.	44.3	21.3	.1		57.	1151
.9	32.5	47.2	32.2	.1	.0	52.7	14298

OPERATING LOCATION "A"
JCAFBTAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
PER HOUR (ESTIMATE)

STATION NUMBER: 722270

STATION NAME: ODEBINS AFB GA
LST TO UTC: + 5

.....								
HOURS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
(LST)								
00-02								
03-05	.4	.4	.7	.4	1.4	.7	.2	.4
06-08	.2	.4	.5	.3	.4	.5	.2	.4
09-11			.5	.7	.4	1.0	.4	.4
12-14	.1	.4	.5	1.2	1.7	2.2	2.3	2.4
15-17		.5	.5	2.2	3.7	3.3	5.4	6.7
18-20		1.3	.5	1.7	2.5	3.7	5.4	5.4
21-23	.1	.7	.5	1.0	3.5	3.0	4.4	4.4
ALL								
THURS	.1	.4	.5	1.3	2.1	2.1	3.2	3.1
TOTAL								
THURS	4475	5354	5554	5523	5544	5540	7020	5434

TABLE: FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

APR 54 PERIOD OF RECORD: JUN 73 - MAY 58

JUN	JUL	AUG	SEP	OCT	NOV	DEC
.7	.2	.4			.4	
.5	.2	.4	.1	.3	.5	.1
1.3	.4	.8	.1	.4	.3	
2.2	2.3	2.5	.7	.2		.1
3.3	5.2	6.5	2.1	.6		.1
5.7	5.5	5.3	2.5	.4	.1	.2
3.3	4.1	4.6	2.0	.2	.3	.1
2.1	3.2	3.1	1.1	.3	.2	.1
5545	5529	5533	5549	5555	5599	5131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM HOURLY SURVEY

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

PHENOMENA	CAL 1	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 359
TSMS	20.0		20.0	20.0	20.0	
LIQUID PRECIP	12.7		8.7	58.7	6.6	
FREEZING PRECIP	14.7		6.7	75.6		
FROZEN PRECIP	1.9		12.1	30.4	1.3	
FOG	13.4		11.9	45.1	4.7	
FOG WITH VIS GE 1/2 MILES	16.9		11.9	45.5	4.7	
TOTAL OBS	533	0	951	1240	353	

MONTH

TSMS	3.2			67.7	9.7	
LIQUID PRECIP	9.1		6.4	51.4	7.5	
FREEZING PRECIP				100.0		
FROZEN PRECIP	1.4		6.3	35.6	2.1	
FOG	14.0		6.4	50.0	8.6	
FOG WITH VIS GE 1/2 MILES	12.7		3.5	47.5	9.1	
TOTAL OBS	713	0	790	1422	511	

FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
 DEDUCTED FROM HOURLY OBSERVATIONS

AS PER GA

PERIOD OF RECORD: JUN 73 - MAY 84

MONTH: JAN HOURS: ALL

060 - 149	150 - 239	240 - 329	NO OF OBS
20.0	20.0	20.0	5
58.7	6.5	13.2	692
75.5		2.9	34
32.4	1.3	32.4	160
95.1	4.2	19.8	1120
45.5	4.9	20.8	1057
1240	353	2224	0
			5595

MONTH: FEB HOURS: ALL

060 - 149	150 - 239	240 - 329	NO OF OBS
57.7	2.7	12.4	31
51.4	2.5	13.5	770
100.0			12
35.5	2.1	54.5	142
50.0	2.5	18.7	1057
42.5	2.1	12.0	992
1422	511	1023	0
			5364

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSP
VERSUS WIND DIRECTION FROM HOURLY OBSERVAT

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PHENOMENA	CAL 4	VARIABLE	330 - 059	060 - 149	150 - 239
TSTMS	5.3		7.9	39.5	21.1
LIQUID PRECIP	7.2		5.7	54.4	12.7
FREEZING PRECIP			45.5	35.4	
FROZEN PRECIP	2.4		17.1	24.4	
FDG	16.5		2.2	44.1	12.3
FDG WITH VIS GE 1/2 MILES	15.2		3.5	44.4	12.4
TOTAL OBS	470	0	342	1323	743

TSTMS	7.2		14.5	30.3	19.7
LIQUID PRECIP	5.9		5.7	31.3	17.0
FREEZING PRECIP					
FROZEN PRECIP			50.0		
FDG	16.4		4.5	43.4	14.5
FDG WITH VIS GE 1/2 MILES	15.0		4.3	47.5	15.0
TOTAL OBS	300	0	655	1106	234

NOY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA DEDUCTED FROM HOURLY OBSERVATIONS

15 APR 64

PERIOD OF RECORD: JUN 74 - MAY 80
 MONTH: MAR HOURS: ALL

260 - 149	150 - 239	240 - 329	NO OF OBS
59.5	21.1	26.3	38
54.4	12.7	20.0	544
36.4		13.2	11
24.4		36.1	41
44.1	12.3	19.0	763
44.4	12.4	19.5	743
1323	723	2025	5350

MONTH: APR HOURS: ALL

30.3	19.7	17.6	76
31.3	17.0	20.1	353
		50.0	12
43.4	14.5	16.1	517
47.5	15.0	16.6	499
1106	335	2213	5623

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM ADJPLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 359
TSMS	12.4		12.4	19.8	24.6	
LIQUID PRECIP	11.5		7.7	35.4	21.5	
FREELING PRECIP						
FROZEN PRECIP						
FGS	30.2		3.4	34.5	13.3	
FGS WITH VIS GE 1/2 MILES	29.5		3.5	35.2	13.4	
TOTAL OBS	1245	0	509	1123	1107	

TSMS	15.0		15.0	14.2	25.4	
LIQUID PRECIP	17.7		5.1	22.2	20.8	
FREELING PRECIP						
FROZEN PRECIP						
FGS	33.8		5.3	24.6	15.1	
FGS WITH VIS GE 1/2 MILES	33.7		5.2	24.4	15.2	
TOTAL OBS	1139	0	702	1125	757	

NO. OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
 DEDUCTED FROM HOURLY OBSERVATIONS

STATION: ALBUQUERQUE PERIOD OF RECORD: JUN 72 - MAY 88
 MONTH: MAY HOURS: ALL

060 - 149	150 - 239	240 - 329	NO. OF OBS
19.8	24.8	30.6	121
35.4	21.5	23.5	302

34.8	13.3	18.2	675
35.2	13.4	18.4	662

1123	1137	1777	0	5-44

MONTH: JUN HOURS: ALL			
060 - 149	150 - 239	240 - 329	NO. OF OBS
14.2	25.8	35.0	120
22.2	23.4	25.3	198

24.4	15.1	20.2	702
24.4	15.2	20.3	693

1125	757	1907	0	5640

OPERATING LOCATION "AA"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM FULLY OBSERVATION

STATION NUMBER: 722070

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

0001
0001

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 259	260 - 359
ISMS	11.4		13.4	15.2	26.4	
LIQUID PRECIP	7.1		5.7	50.9	24.0	
FREZING PRECIP						
FROZEN PRECIP						
FGS	25.4		3.1	33.7	15.4	
FG WITH VIS GE 1/2 MILES	25.0		3.2	34.1	15.4	
TOTAL OBS	998	0	548	1240	712	

ISMS	10.5		13.4	19.2	26.0	
LIQUID PRECIP	17.7		7.3	31.0	13.3	
FREZING PRECIP						
FROZEN PRECIP						
FGS	32.1		4.8	29.5	5.6	
FG WITH VIS GE 1/2 MILES	32.0		4.8	29.7	5.7	
TOTAL OBS	1314	0	586	1543	640	

NOY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
 SECTION: FROM HOURLY OBSERVATIONS

TABLE 54 PERIOD OF RECORD: JUN 74 - MAY 87
 MONTH: JUL HOURS: ALL

.....				
000 - 149	150 - 239	240 - 329		NO OF OBS
15.2	25.4	28.6		145
50.2	24.0	12.4		283
25.2	15.9	20.7		763
34.1	15.1	20.9		754
1240	717	2255	0	5529

MONTH: AUG HOURS: ALL

.....				
000 - 149	150 - 239	240 - 329		NO OF OBS
19.3	26.0	30.4		131
40.7	19.3	17.7		142
29.5	8.5	13.5		1305
29.7	8.7	14.8		704
1543	589	1615	0	5839

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

PERIOD

LST TO UTC: + 5

MONTH:

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 -
ISMS	15.6		14.1	15.6	13.7	8.7
LIQUID PRECIP	10.3		7.3	54.9	9.0	
FREEZING PRECIP						
FROZEN PRECIP						
FG	32.6		4.6	49.3	4.7	10.8
FG WITH VIS GE 1/2 MILES	31.8		4.7	49.9	4.8	10.8
TOTAL OBS	1276	0	759	2030	304	11

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 -
ISMS	15.6		20.0	29.0	19.0	8.7
LIQUID PRECIP	7.5		5.1	71.7	4.7	11.0
FREEZING PRECIP						
FROZEN PRECIP						
FG	21.5		5.3	53.7	6.7	12.8
FG WITH VIS GE 1/2 MILES	21.8		5.3	53.2	6.8	12.8
TOTAL OBS	1366	0	660	1852	460	147

OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
 STATION - 4701 HOURS: OBSERVATIONS

PERIOD OF RECORD: JUN 74 - MAY 75
 MONTH: SEP HOURS: ALL

149 - 150	239 - 240	329 - 330	NO OF OBS
18.5	13.4	52.8	84
54.9	9.0	3.4	363
41.3	4.7	12.4	1024
46.9	4.4	12.4	1004
20.10	3.94	113.0	5
			5640

MONTH: OCT	HOURS: ALL
15.0	25.0
71.0	4.7
11.1	45.7
53.7	6.7
12.7	1044
53.2	6.9
12.3	1009
18.2	460
14.4	0
	5456

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF FOG + NOVA + WITHIN
VERSUS WIND DIRECTION + 10 KNOTS OR MORE

STATION NUMBER: 722070

STATION NAME: DORRINS AFB GA
LST TO VIC: + 5

PHENOMENA	CALM	VARIABLE	330 - 090	090 - 149	150 - 249	250 - 360
TSTMS	19.4		7.7	38.9	13.1	
LIQUID PRECIP	9.6		8.9	58.0	11.7	
FREZZING PRECIP						
FROZEN PRECIP						
FGG	21.3		6.6	49.2	4.4	
FGG WITH VIS GE 1/2 MILES	20.2		6.6	47.0	4.4	
TOTAL OBS	1244	0	617	1610	59	

TSTMS				45.7		
LIQUID PRECIP	11.0		10.5	49.3	1.1	
FREZZING PRECIP				100.0		
FROZEN PRECIP			63.4	30.0		
FGG	21.2		11.2	37.1	11.7	
FGG WITH VIS GE 1/2 MILES	22.5		11.3	36.1	12.0	
TOTAL OBS	939	0	720	1210	431	

IN THE OCCURRENCE OF ATMOSPHERIC PHENOMENA
 WITH A DEGREE OF FREQUENCY

PERIOD OF RECORD: JUL 71 - MAY 72
 MONTH: NOV HOURS: ALL

140 - 149	150 - 239	240 - 329	NO OF OBS
10.5	13.1	14.4	13
24.0	11.0	12.7	545
		100.0	2
10.2	1.8	14.7	1204
17.0	1.1	14.5	1168
1410	534	1640	5699

140 - 149	150 - 239	240 - 329	NO OF OBS
10.7	12.8	14.4	6
10.1	12.8	14.4	545
10.3			12
10.1		14.4	12
17.1	11.7	14.2	915
10.1	12.0	14.1	641
1210	441	1722	5131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM MONTHLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

PERIOD OF
MONTH: 1

PHENOMENA	CALM	VARIABLE	030 - 059	060 - 149	150 - 239	240 -
TSNS	10.7		14.1	22.3	23.3	20.7
LIQUID PRECIP	10.0		7.3	54.9	12.5	15.4
FREEZING PRECIP	5.5		9.2	40.3		5.0
FROZEN PRECIP	1.5		15.7	34.9	1.4	45.5
FG	23.9		5.7	42.0	10.0	17.4
FG WITH VIS GE 1/2 MILES	23.3		5.5	41.9	10.2	17.0
TOTAL OBS	12777	0	3544	15934	7677	21925

BY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
 SECTION FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 78 - MAY 83			
MONTHS: ALL			
050 - 149	150 - 239	240 - 329	NO OF OBS
22.3	23.3	29.7	750
54.7	12.5	15.4	5395
70.3		3.9	75
34.9	1.4	45.5	370
42.0	10.0	17.5	10615
41.4	10.2	17.0	10202
16034	7577	21925	0
			67927

pppppppp
pppppppp
pp pp
pp pp
pppppppp
pppppppp
pp
pp
pp
pp

AAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

pppppppp
pppppppp
pp pp
pp pp
pppppppp
pppppppp
pp pp
pp pp
pp pp
pp pp
pp pp

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

000000
000000
000000
000000
000000
000000
000000
000000
000000
000000

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

00000000
00000000
00 00
00 00
00000000
00000000
00 00
00 00
00000000
00000000

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARY

ALL TABLES IN PART 2 ARE CREATED FROM SUMMARY OF DAY (OF
PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND
THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLE
AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATION
OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR
THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO
OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE
IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE
MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR
SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

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

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF
DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD.
SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY
THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST
COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER
AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR.
ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES
MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN
(OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE
SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY
WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

PART B

1. SNOWFALL, SNOW DEPTH SUMMARIES

RELATED FROM SUMMARY OF DAY (SDO) DATA.

Y.
PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION,
DATA IS SUMMARIZED FOR ALL YEARS
OF THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION
INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE,
PERCENT.

TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
ISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
ONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE
"0.00" MEANS NO PRECIPITATION FOR THE MONTH, "0" MEANS NO

MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-
SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW
EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBS-
AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH
AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
INCOMPLETE MONTHS. "0.00" MEANS NO PRECIPITATION FOR THE MONTH,
OR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.
FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW
DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
Y MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
O/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
(OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST)
THAN "0.0" OR "TRACE" DEFINES THE FIRST (OR LAST)
ALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A
THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST
THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
DURING THE GIVEN PER.

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

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF FLOODING MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEAN (BEEN) CLOSED.

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

NOTE 5. BEFORE JANUARY 1955, SNOWFALL OCCURRENCES IN MAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND

AIR FORCE

NAVY AND NATIONAL

THROUGH 1945:

0300 LST

THROUGH JUN 1952:

JAN 1946 TO MAY 1957:

1230 LST

JUN 1952 TO MAY 1957:

JUN 1957 TO PRESENT:

1200 GMT

JUN 1957 TO PRESENT:

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPORT GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNT CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION.

CONVERSIONS:

- 1 INCH = 25.39999 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

NOT RECORDED IN THE MONTHLY TOTALS OR DAILY
AMOUNTS "TRACE" WILL APPEAR IN THE APPROPRIATE

STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE
ARE AVAILABLE.

UNITS OR THE STATION HISTORY MIGHT PROVIDE CLUES
ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBS-
ERVING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT
NO OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS

DAILY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE
IS FOR THE PERIOD OF RECORD.

6. SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY

ING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

NAVY AND NATIONAL WEATHER SERVICE

LIST THROUGH JUN 1952: 0030 GMT

LIST JUN 1952 TO MAY 1957: 1230 GMT

LIST JUN 1957 TO PRESENT: 1200 GMT

PRECIP (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED
MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS
ON HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS
IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD
"MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS
OF NIGHTTIME PRECIPITATION EVENTS.

IN METERS

IN INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIP
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	49.7	51.1	52.2	59.6	58.5	55.4	47.3	56.1
TRACE	14.9	12.2	11.7	10.3	11.4	13.0	15.1	12.1
.01	2.3	1.0	2.1	1.9	1.9	2.2	3.3	2.1
.02-.05	5.9	7.0	6.3	4.6	4.5	5.1	5.1	4.1
.06-.10	3.6	3.8	4.0	3.4	3.3	4.4	4.9	3.1
.11-.25	7.2	6.2	6.2	4.4	5.5	5.2	6.6	5.1
.26-.50	5.4	5.7	5.7	5.3	4.5	5.2	5.2	4.1
.51-1.00	7.1	6.9	6.0	5.3	6.1	5.6	5.1	4.1
1.01-2.50	3.3	4.8	5.1	4.0	3.6	2.9	3.5	3.1
2.51-5.00	.7	.3	.6	.5	.3	.2	.6	.1
5.01-10.00								
10.01-20.00								
OVER 20.00								
DAYS WITH MEAS AMTS	35.4	35.6	35.0	29.2	30.0	31.6	37.5	31.1
TOTAL NO. OF OBSERVATIONS	1202	1152	1290	1150	1302	1230	1243	1201

FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
 ANNUAL SUMMARY OF DAY DATA

PERIOD OF RECORD: 4609-6305								
MONTH: ALL HOURS: ALL								
MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
54.5	55.4	47.0	56.9	62.7	71.0	60.3	55.6	56.7
11.4	13.0	15.1	12.7	11.7	8.5	11.6	12.3	12.1
1.9	2.2	3.3	2.7	3.0	1.4	2.1	2.2	2.3
4.5	5.1	5.1	5.7	4.4	3.6	5.4	4.9	5.4
3.3	4.4	4.9	3.1	3.0	2.9	2.3	3.0	3.5
5.5	5.2	5.6	5.2	4.3	3.4	4.3	5.2	5.3
4.5	5.2	5.2	4.5	3.9	3.1	3.3	5.3	5.1
5.1	5.6	5.5	4.4	4.4	3.5	5.7	5.5	5.7
3.5	2.9	3.5	3.4	2.3	1.9	3.3	3.7	3.5
.3	.2	.6	.3	.9	.7	.3	.3	.5
30.9	31.6	37.0	30.5	25.6	20.5	28.1	32.1	31.2
1302	1230	1243	1240	1217	1229	1219	1214	1272

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNT
FROM SUMMARY 16 DAY DATA

STATION NUMBER: 722270 STATION NAME: DOBRINS AF3 GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
45								
47	.00*	.00*	TRACE*	5.66	2.26	4.16	.00*	
48	TRACE*	5.95	5.74	1.91	3.55	1.24	7.83	3.13
49	5.52	7.10	3.22	5.09	3.60	2.51	2.34	5.14
50	3.42	3.68	4.39	2.18	5.40	1.56	5.41	3.54
51	2.24	1.67	5.91	4.89	.52	4.71	3.75	1.11
52	4.14	3.11	9.85	1.90	2.75	5.35	.42	2.11
53	7.21	5.23	3.09	4.34	4.16	3.53	5.46	1.71
54	5.25	3.22	3.01	2.06	2.27	2.75	5.23	2.71
55	4.16	5.02	3.10	4.22	4.09	.95	4.41	3.92
56	2.00	5.75	5.57	4.44	3.22	1.10	3.43	2.24
57	5.07	2.35	3.30	5.39	4.56	4.12	3.09	.52
58	4.14	5.26	5.00	4.43	1.53	3.37	5.27	.04
59	4.06	3.75	5.20	3.62	7.84	2.56	1.44	1.14
60	2.96	4.47	5.52	3.62	1.69	.78	3.43	5.21
61	2.06	10.37	5.61	5.29	3.57	7.92	3.73	5.13
62	4.23	5.33	5.43	4.13	.24	2.96	5.51	1.45
63	4.13	2.63	7.74	7.27	2.59	10.41	4.45	.53
64	*	*	3.10	9.20	3.47	4.15	5.02	5.71
65	4.44	4.74	7.35	4.47	2.92	7.47	1.48	2.37
66	5.90	11.15	5.87	4.41	5.41	1.50	4.53	5.13
67	4.24	4.52	2.79	4.37	5.40	4.57	9.35	7.37
68	5.57	2.10	5.94	6.57	7.75	1.75	5.63	3.42
69	3.17	3.77	3.74	5.58	7.51	1.47	3.40	4.21
70	3.12	2.71	7.24	3.38	4.31	5.49	5.63	3.09
71	5.24	5.92	7.73	4.92	2.35	4.75	11.41	5.35
72	12.35	3.53	5.19	2.24	7.22	5.33	7.40	1.75
73	5.92	3.35	9.79	5.15	5.15	5.42	4.34	2.31
74	5.54	6.40	3.94	5.23	4.43	3.05	2.45	2.15
75	5.39	10.05	9.42	2.43	8.50	5.23	7.73	7.24
76	5.42	1.75	10.29	1.24	7.55	2.73	3.22	3.41
77	4.23	2.80	11.22	3.40	1.74	1.30	2.04	7.11
78	2.25	.79	2.45	3.51	4.57	4.11	2.31	5.12
79	5.25	5.11	4.56	12.55	7.73	.54	4.40	5.63
80	5.77	2.74	13.43	3.74	5.13	5.15	2.25	1.27

MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

APR 64

PERIOD OF RECORD: 4609-6605
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				TRACE*	.00*	.00*	.00*	TRACE*
1.25	4.15	.05*						12.15*
1.25	1.24	7.83	3.45	3.29	.57	15.29	3.25	53.45*
3.83	2.51	2.34	5.13	3.17	4.06	TRACE	3.35	46.69
1.40	1.55	5.91	3.55	4.41	2.55	.43	3.15	40.93
1.52	4.71	3.75	1.12	5.01	2.65	2.82	5.98	44.65
1.25	5.35	.47	2.49	1.55	.84	2.21	5.28	41.05
1.15	3.53	5.45	1.79	4.72	.34	1.34	7.00	52.52
1.27	2.75	5.23	2.75	.55	.71	2.89	4.21	37.60
1.00	.95	4.41	3.92	.99	.95	3.67	1.29	35.75
1.22	1.10	5.49	2.24	5.30	2.59	2.79	3.57	41.95
1.05	4.12	3.09	.59	6.67	1.47	5.30	3.55	45.07
1.53	3.47	1.29	.18	2.82	2.45	2.20	2.55	44.99
1.54	2.55	1.44	1.25	5.39	5.99	1.14	2.41	44.56
1.59	.74	3.43	5.25	5.24	5.34	.94	2.55	50.23
1.57	7.00	3.73	5.40	.59	.15	2.70	12.34	55.25
1.24	2.45	5.51	1.45	2.44	5.42	6.07	2.95	47.94
1.29	10.41	4.45	.53	4.15	*	5.22	5.40	55.92*
1.47	4.15	5.02	5.75	2.33	5.22	3.97	7.55	56.51*
1.22	7.47	1.38	2.37	2.45	5.43	1.25	1.74	47.34
1.41	1.50	4.53	5.23	2.17	5.15	4.43	3.49	59.44
1.40	4.57	2.35	7.37	1.14	2.74	5.68	6.09	58.72
1.75	1.75	5.64	3.42	2.41	2.22	5.47	5.24	55.34
1.51	1.47	2.40	4.31	5.10	1.15	2.53	4.94	52.82
1.31	5.49	5.63	3.03	3.23	2.35	3.03	3.65	53.02
1.05	4.75	11.01	5.95	4.52	.55	3.34	6.05	54.43
1.20	5.33	5.40	1.75	2.15	3.59	4.73	7.13	61.53
1.15	5.42	4.54	2.91	5.04	.75	2.06	5.27	57.55
1.42	3.05	2.45	2.15	1.97	1.09	4.75	7.07	55.14
1.55	5.03	7.73	7.94	4.23	5.13	4.59	4.30	75.29
1.55	2.73	3.02	3.45	.40	3.35	3.15	3.91*	47.93*
1.74	1.50	2.74	7.11	4.50	5.75	5.34	2.38*	59.14*
1.57	4.11	2.91	5.12	.35	.70	2.34	3.30*	40.75*
1.73	.44	4.40	5.63	5.24	2.50	4.84	.62	61.37
1.13	5.15	2.25	1.25	5.55	2.74	1.54	.62*	51.42*

OPERATING LOCATION: 141
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION: AMOUNT
FROM JANUARY OF EACH YEAR

STATION NUMBER: 722270 STATION NAME: ROBINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
91	.73	7.29	4.23	2.67	4.15	2.59	2.71	4.22
92	5.84	7.97	2.53	3.02	2.59	4.47	3.12	3.57
93	3.26	5.15	6.14	4.09	5.17	2.83	1.50	.63
94	3.30	5.31	4.66	7.52	7.55	1.30	2.71	3.58
95	3.25	5.63	1.56	2.31	5.17	4.46	7.21	4.22
96	1.53	1.63	2.65	.38	4.62	1.13	2.22	3.75
97	5.42	5.24	3.37	1.21	3.34	4.41	1.65	2.42
98	3.35	2.62	2.20	5.51	1.02			

LEAST	.73	.79	1.56	.38	.24	.73	.47	.63
GREATEST	12.35	11.15	13.43	12.55	8.85	10.41	11.91	9.15
MEAN	4.37	4.74	5.74	4.52	4.41	3.61	4.84	3.75
MEDIAN	4.23	4.75	5.40	4.43	4.12	3.63	4.41	3.75
SD	2.240	2.353	2.795	2.334	2.225	2.051	2.705	2.142
TOTAL OBS	1202	1152	1200	1260	1302	1230	1243	1240

THE GREATEST VALUE OF 15.29 OCCURRED ON 11/43

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

MONTHLY PRECIPITATION AMOUNTS IN INCHES
 MONTH SUMMARY OF DAY DATA

STATION 5A

RECORD OF RECORDS: 4600-8888

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6.15	2.59	2.71	4.22	2.15	2.27	2.35	3.84*	37.14*
7.58	4.47	3.12	3.89	2.86	5.26	4.86	5.76*	57.37*
7.17	2.33	1.50	1.63	5.23	1.45	6.63	10.77*	54.01*
7.53	1.20	2.1	3.66	1.02	1.82	2.53	2.70	49.75
6.15	6.45	7.31	6.22	1.39	3.62	3.62	1.86	46.62
6.22	1.13	2.22	3.75	1.20	6.30	5.21	3.25*	45.37*
7.4	6.41	1.65	2.42	3.47	1.43	2.55	3.27*	37.15*
1.3								15.20*

1.7	1.7	1.47	1.33	1.02	1.15	TRACE	1.52	35.71
1.7	11.61	11.61	3.15	1.72	2.65	18.22	12.34	75.29
1.41	2.41	4.75	3.75	3.3	3.25	3.77	4.63	52.11
6.12	3.53	6.41	1.5	2.31	2.52	3.12	3.95	42.33
1.22	2.611	2.715	2.112	2.153	2.382	2.674	2.577	2.441
1215	1216	1242	1242	1217	1229	1213	1216	14792

11/40

NOT WITH LESS THAN 10% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: MA
USAFETAG, ASHEVILLE, NC

EXTREME DAILY PRECIPITATION SUMMARY
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: GIBBSING AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
46								
47	.00*	.00*	TRACE*	1.14	.60	1.33	.66*	
48	TRACE*	2.10	1.57	1.20	1.04	.47	3.99	1.44
49	1.71	1.47	1.30	2.10	1.19	.67	.64	1.44
50	.61	1.13	1.47	1.20	1.34	.60	.94	1.44
51	.69	.65	1.13	1.46	.44	1.20	.65	.65
52	1.21	1.13	3.25	.83	.90	1.71	.25	.65
53	3.40	1.35	.85	2.35	2.24	1.15	1.41	1.44
54	2.34	1.42	1.19	.71	1.69	.60	2.66	1.44
55	1.40	2.02	.62	1.15	.95	.23	.71	2.44
56	1.00	1.04	1.75	1.43	2.00	.75	2.30	.71
57	1.77	1.09	.77	3.85	1.92	2.12	1.44	.71
58	1.75	1.63	1.15	1.96	.50	2.00	2.00	.71
59	1.94	.95	1.99	1.45	2.40	.63	.67	.71
60	1.67	1.30	2.01	1.44	.60	.19	2.24	1.44
61	.63	1.69	2.39	2.34	1.21	1.38	.44	1.44
62	.75	3.01	1.59	1.24	.00	.65	2.75	.71
63	1.44	1.14	2.77	2.63	.74	1.26	.75	.71
64	*	*	2.00	3.29	2.11	1.07	1.69	1.44
65	2.50	1.31	1.70	1.26	1.30	3.23	.47	.71
66	1.42	4.05	3.62	1.90	1.71	.30	1.77	.71
67	1.95	1.23	1.47	3.01	2.00	1.05	2.77	1.44
68	1.70	1.03	2.77	2.77	3.05	.65	3.15	1.44
69	1.55	1.17	1.42	1.33	3.20	.63	1.40	1.44
70	.75	.75	4.21	.79	1.44	1.41	2.43	1.44
71	1.09	1.00	1.42	2.45	1.43	2.92	1.64	1.44
72	4.58	1.00	.72	1.00	4.27	1.75	2.19	.71
73	1.52	2.56	2.26	2.50	2.73	1.55	1.64	1.44
74	.03	1.23	.64	1.42	1.15	1.61	1.65	1.44
75	1.57	2.05	2.45	1.91	2.19	2.99	1.44	1.44
76	3.31	.70	2.20	.47	1.55	.65	1.60	1.44
77	1.45	1.55	3.91	1.40	.51	.65	1.30	1.44
78	3.29	.46	1.63	1.15	1.63	1.31	1.45	1.44
79	1.62	1.55	1.72	2.95	2.36	.47	.79	1.44
80	1.74	1.03	2.40	1.73	1.75	2.35	1.96	1.44

OF DAILY PRECIPITATION AMOUNTS IN INCHES
 SUMMARY OF DAY DATA

PERIOD OF RECORD: 4609-6605								
MONTH: ALL HOURS: ALL								
MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				TRACE*	.00*	.00*	.00*	TRACE*
1.33	.47	3.99	1.55	1.25	.33	4.92	1.35	4.92*
.57	.54	1.53	2.73	1.52	TRACE	1.12		2.73
.50	.94	1.44	3.51	1.45	.33	.93		3.51
1.20	.85	.15	2.45	.59	.50	2.23		2.43
1.75	.25	.02	.37	.54	1.02	1.58		3.25
1.15	1.41	1.56	2.09	.14	.54	1.75		3.40
.86	2.56	1.34	.53	.35	.72	1.32		2.66
.23	.71	2.67	.53	.67	1.27	.76		2.58
.75	2.39	.72	3.37	1.71	1.14	1.42		3.37
2.12	1.44	.01	1.60	.55	1.25	1.03		3.35
2.00	2.06	.60	2.20	2.32	.92	.95		2.32
.73	.67	.75	2.23	1.07	.58	.62		2.40
.19	2.24	1.99	1.75	2.43	.41	.06		2.43
1.38	.93	1.66	.39	.15	1.57	2.49		2.49
.57	2.75	.41	.75	4.45	2.40	.93		4.45
1.26	.73	.31	3.38	*	1.49	1.55		3.38*
1.57	1.55	1.57	.39	1.57	1.70	2.50		3.50*
3.23	.37	.74	.62	4.23	.43	.72		4.22
.32	1.77	.34	.71	2.34	2.55	1.55		4.05
1.05	2.77	2.34	.61	1.50	2.55	1.06		2.91
.55	3.15	1.22	1.03	.29	1.57	1.55		3.15
.63	3.00	2.00	1.57	.61	1.47	1.47		3.28
1.51	2.43	1.36	1.67	2.53	1.03	1.14		4.21
2.92	1.54	1.52	3.46	.17	.73	1.40		3.45
1.75	2.19	.51	.90	1.65	1.25	2.12		4.65
1.55	1.54	1.07	2.53	.36	1.13	2.99		2.99
1.51	1.55	2.99	1.07	.72	1.02	1.59		2.60
2.99	1.43	2.73	.93	2.53	1.67	1.52		2.78
.53	1.40	2.35	.21	.33	1.43	.55*		3.31*
.55	1.59	1.34	1.41	3.38	3.22	.57*		3.91*
1.31	1.45	2.54	.31	.70	.95	1.27*		3.09*
.47	.70	2.07	1.35	1.43	1.43	.20		2.66
2.35	1.06	.45	1.23	1.06	.65	.43*		2.48*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION SUMMARY
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: DUBBINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	.27	2.25	2.10	.96	1.59	1.46	.82	1.71
82	3.25	4.40	1.44	2.52	.85	.89	.75	1.84
83	1.25	1.35	1.53	2.33	2.32	1.03	.66	.2
84	1.51	1.64	1.33	1.31	2.00	.64	1.54	1.14
85	.94	1.73	.73	1.54	2.42	1.10	1.55	2.2
86	.40	.53	1.42	.14	1.43	.95	1.19	1.7
87	2.35	1.74	.53	.57	1.15	1.55	.61	1.41
88	.00	1.24	.77	2.03	.57			

GREATEST 4.65 4.40 4.21 3.82 4.27 3.23 3.99 2.14

TOTAL OBS 1202 1152 1226 1260 1302 1230 1243 1247

THE GREATEST VALUE OF 4.92 OCCURRED ON 11/28/47

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 20% OF THE

DAILY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

STATION

PERIOD OF RECORD: 4609-6606

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
22	1.40	.02	1.27	.71	.55	1.29	1.46*	2.25*
23	.09	.05	1.26	2.33	2.55	.56	1.70*	4.49*
30	1.03	.66	.20	1.47	.37	2.13	2.65*	2.65*
33	.64	1.54	1.15	.02	.45	1.44	1.08	2.60
40	1.10	1.55	2.30	.34	1.52	1.01	.78	2.49
44	.95	1.19	1.32	.09	3.45	1.55	.50*	3.45*
45	1.55	.51	1.01	1.75	.43	1.35	1.21*	2.85*
57								2.03*

.....

2	3.23	3.79	2.99	3.51	4.45	4.02	2.99	4.92

.....

2	1230	1243	1240	1217	1229	1219	1214	14798

.....

1974-75 11/24/74

WITH LESS THAN 20% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF ST
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270

STATION NAME: GIBBINS AFB GA
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	
NONE	90.2	92.2	95.6	99.8	100.0	100.0	100.0	1
TRACE	7.5	6.2	3.2	.1				
0.1-0.4	.3	.4	.7					
0.5-1.4	.3	.6	.1	.1				
1.5-2.4	.4	.1	.1					
2.5-3.4		.3	.2					
3.5-4.4	.1	.2	.1					
4.5-5.4	.1		.1					
5.5-10.4								
10.5-15.4								
15.5-25.4								
25.5-50.4								
OVER 50.4								
DAYS WITH WEAS APTS	2.3	1.6	1.2	.1				
TOTAL NO. OF OBSERVATIONS	1097	1016	1147	1110	1147	1080	1080	1

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

STATION: 46006 PERIOD OF RECORD: 4600-6301, 6003-6605
 MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
100.0	100.0	100.0	100.0	100.0	100.0	98.3	94.5	97.6
						1.6	4.6	1.9
							.5	.2
						.1	.2	.2
							.2	.1
								.0
							.1	.0
								.0
.....								
						.1	.2	.5
1147	1080	1080	1015	1030	1114	1050	1060	13111

OPERATING LOCATION: AA
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: DUBBINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
46								
47	.0	.0	.0	.0	.0	.0	.0A	
48	TRACE*	TRACE	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	TRACE	.0	.0	.0	.0	.0
51	.0	TRACE	.2	.0	.0	.0	.0	.0
52	TRACE	4.0	TRACE	.0	.0	.0	.0	.0
53	TRACE	.3	.0	.0	.0	.0	.0	.0
54	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
55	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
56	TRACE	.0	.0	.0	.0	.0	.0	.0
57	.1	.0	.0	.0	.0	.0	.0	.0
58	.1	2.5	TRACE	.0	.0	.0	.0	.0
59	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
60	TRACE	.1	12.0	.0	.0	.0	.0	.0
61	.7	TRACE	TRACE	.0	.0	.0	.0	.0
62	2.0	.0	.3	.0	.0	.0	.0	.0
63	TRACE							
64			TRACE	.0	.0	.0	.0	.0
65	TRACE	.9	TRACE	.0	.0	.0	.0	.0
66	1.7	TRACE	TRACE	.0	.0	.0	.0	.0
67								
68	TRACE	1.0	.2	.0	.0	.0	.0	.0
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0
71	TRACE	TRACE	.0	.0	.0	.0	.0	.0
72	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
73	TRACE	TRACE	.0	.0	.0	.0	.0	.0
74	TRACE	TRACE	.0	.0	.0	.0	.0	.0
75	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0
77	1.6	.0	.0	.0	.0	.0	.0	.0
78	1.5	.2	.2	.0	.0	.0	.0	.0
79	.2	5.2	TRACE	.0	.0	.0	.0	.0
80	TRACE	3.0	TRACE	.0	.0	.0	.0	.0

MONTHLY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

1950-51

PERIOD OF RECORD: 4609-5301, 5603-6605
MONTH: ALL HOURS: ALL

DAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	.0	.0*	.0	.0	.0	.0	.0	.0*
2	.0	.0	.0	.0	.0	.0	.0	.0*
3	.0	.0	.0	.0	.0	.0	.0	TRACE*
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
6	.0	.0	.0	.0	.0	TRACE	TRACE	.2
7	.0	.0	.0	.0	.0	.0	.0	4.0
8	.0	.0	.0	.0	.0	.0	TRACE	.8
9	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
10	.0	.0	.0	.0	.0	.0	TRACE	TRACE
11	.0	.0	.0	.0	.0	TRACE	.0	TRACE
12	.0	.0	.0	.0	.0	.0	TRACE	.1
13	.0	.0	.0	.0	.0	TRACE	5.1	7.7
14	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
15	.0	.0	.0	.0	.0	.0	.0	13.1
16	.0	.0	.0	.0	.0	.0	1.5	2.2
17	.0	.0	.0	.0	.0	.0	.4	3.0
18	.0	.0	.0	.0	.0	.0	.0	TRACE*
19	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE*
20	.0	.0	.0	.0	.0	TRACE	TRACE	.9
21	.0	.0	.0	.0	.0	TRACE	1.3	3.0
22	.0	.0	.0	.0	.0	TRACE	2.3	3.5
23	.0	.0	.0	.0	.0	TRACE	.0	TRACE
24	.0	.0	.0	.0	.0	.0	.2	.2
25	.0	.0	.0	.0	.0	.0	.2	.2
26	.0	.0	.0	.0	.0	.0	TRACE	.0
27	.0	.0	.0	.0	.0	.0	.0*	TRACE*
28	.0	.0	.0	.0	.0	.0	TRACE*	1.6*
29	.0	.0	.0	.0	.0	.0	.0*	1.0*
30	.0	.0	.0	.0	.0	.0	.0	5.4
31	.0	.0	.0	.0	.0	TRACE	.0*	3.0*

OPERATING LOCATION: 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: DORRINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	.0	TRACE	.0	.0	.0	.0	.0	.0
82	2.7	TRACE	.0	.0	.0	.0	.0	.0
83	5.2	1.0	6.2	.0	.0	.0	.0	.0
84	TRACE	1.0	.0	.0	.0	.0	.0	.0
85	.1	3.6	.0	.0	.0	.0	.0	.0
86	2.2	TRACE	.0	.0	.0	.0	.0	.0
87	6.0	.0	1.0	1.0	.0	.0	.0	.0
88	2.0	TRACE	TRACE	.0	.0			

LEAST	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	6.0	5.2	12.4	1.0	.0	.0	.0	.0
MEAN	.7	.6	.6	TRACE	.0	.0	.0	.0
MEDIAN	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0
SD	1.466	1.317	2.309	.164	.000	.000	.000	.000
TOTAL DRS	1027	1015	1147	1110	1147	1050	1050	1050

THE GREATEST VALUE OF 12.4 OCCURRED ON 03/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 30 DAYS IN

MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

APR 04 PERIOD OF RECORD: 4603-6301, 6503-8005
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*
.0	.0	.0	.0	.0	.0	.0	.0*	2.7*
.0	.0	.0	.0	.0	.0	.0	TRACE*	12.4*
.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
.0	.0	.0	.0	.0	.0	.0	TRACE	3.7
.0	.0	.0	.0	.0	.0	.0	TRACE*	2.2*
.0	.0	.0	.0	.0	.0	.0	.0*	9.0*
.0	.0	.0	.0	.0	.0	.0	.0*	2.0*

.0	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0	5.1	13.1
.0	.0	.0	.0	.0	.0	TRACE	.4	2.1
.0	.0	.0	.0	.0	.0	.0	TRACE	.0
1000	1000	1000	1000	1000	1000	1150	1000	3.132
97	100	100	100	100	1114	1000	1000	13111

100000 IN 03/50

WITH LESS THAN 10% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: 'A'
USAFPTAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: DORRINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	
46								
47	.0	.0	.0	.0	.0	.0	.0*	
48	TRACE*	TRACE	.0	.0	.0	.0	.0	
49	.0	.0	.0	.0	.0	.0	.0	
50	.0	.0	TRACE	.0	.0	.0	.0	
51	.0	TRACE	.2	.0	.0	.0	.0	
52	TRACE	4.0	TRACE	.0	.0	.0	.0	
53	TRACE	.8	.0	.0	.0	.0	.0	
54	TRACE	TRACE	TRACE	.0	.0	.0	.0	
55	TRACE	TRACE	TRACE	.0	.0	.0	.0	
56	TRACE	.0	.0	.0	.0	.0	.0	
57	.1	.0	.0	.0	.0	.0	.0	
58	.1	2.5	TRACE	.0	.0	.0	.0	
59	TRACE	TRACE	TRACE	.0	.0	.0	.0	
60	TRACE	.1	4.0	.0	.0	.0	.0	
61	.7	TRACE	TRACE	.0	.0	.0	.0	
62	1.5	.0	.0	.0	.0	.0	.0	
63	TRACE							
64			TRACE	.0	.0	.0	.0	
65	TRACE	.7	TRACE	.0	.0	.0	.0	
70	.7	TRACE	TRACE	.0	.0	.0	.0	
71	TRACE	1.0	.0	.0	.0	.0	.0	
72	TRACE	TRACE	TRACE	.0	.0	.0	.0	
73	TRACE	TRACE	.0	.0	.0	.0	.0	
74	TRACE	TRACE	.0	.0	.0	.0	.0	
75	TRACE	TRACE	TRACE	.0	.0	.0	.0	
76	TRACE	TRACE	.0	.0	.0	.0	.0	
77	1.6	.0	.0	.0	.0	.0	.0	
78	.0	.2	.1	.0	.0	.0	.0	
79	.2	2.8	TRACE	.0	.0	.0	.0	
80	TRACE	3.0	TRACE	.0	.0	.0	.0	

DAILY SNOWFALL AMOUNTS IN INCHES
 24-HR SUMMARY OF DAY DATA

TRF SA

PERIOD OF RECORD: 4609-6301, 6103-8-05
 MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				.0	.0	.0	.0	.0*
.0	.0	.0*		.0	.0	.0	.0	.0*
.0	.0	.0	.0	.0	.0	.0	.0	TRACE*
.0	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
.0	.0	.0	.0	.0	.0	TRACE	TRACE	.2
.0	.0	.0	.0	.0	.0	.0	.0	4.0
.0	.0	.0	.0	.0	.0	.0	TRACE	.0
.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
.0	.0	.0	.0	.0	.0	.0	.0	TRACE
.0	.0	.0	.0	.0	.0	.0	.0	.1
.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
.0	.0	.0	.0	.0	.0	.0	.2	4.0
.0	.0	.0	.0	.0	.0	.0	1.0	1.0
.0	.0	.0	.0	.0	.0	.0	.4	1.0
								TRACE*
.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE*
.0	.0	.0	.0	.0	.0	TRACE	TRACE	.7
.0	.0	.0	.0	.0	.0	TRACE	.0	.0
.0	.0	.0	.0	.0	.0	TRACE	1.3	2.4
.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
.0	.0	.0	.0	.0	.0	.0	.2	.2
.0	.0	.0	.0	.0	.0	.0	.0	.2
.0	.0	.0	.0	.0	.0	.0	TRACE	.0
.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
.0	.0	.0	.0	.0	.0	.0	TRACE*	1.0*
.0	.0	.0	.0	.0	.0	.0	.0*	.0*
.0	.0	.0	.0	.0	.0	.0	.0	2.0
.0	.0	.0	.0	.0	.0	TRACE	.0*	5.0*

OPERATING LOCATION 'A'
USAFETAG, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270 STATION NAME: DOWNS APT GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	.0	TRACE	.0	.0	.0	.0	.0	.
82	1.2	TRACE	.0	.0	.0	.0	.0	.
83	4.4	1.0	6.2	.0	.0	.0	.0	.
84	TRACE	.7	.0	.0	.0	.0	.0	.
85	.1	3.6	.0	.0	.0	.0	.0	.
86	2.2	TRACE	.0	.0	.0	.0	.0	.
87	5.0	.0	1.0	1.0	.0	.0	.	.
88	2.0	TRACE	TRACE	.0	.0	.	.	.

GREATEST 6.2 4.9 6.2 1.0 .0 .0 .0 .

TOTAL 345 1087 1014 1147 1110 1147 1000 1000 1000

THE GREATEST VALUE OF 6.2 OCCURRED ON 03/24/83

NOTE: ALL VALUES WERE BASED ON A MONTH WITH LESS THAN 10 DAYS

JIMMY H. FALL, PRINTS 1, 193-15

[illegible]

10

01-100-05 - 0700: 4500-4601, 4603-4605

REF: ALL INFO: ALL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1967	1.0	1.0	1.0	1.0	1.0	TRACE*	7.00*
1968	1.0	1.0	1.0	1.0	1.0	1.0*	7.00*
1969	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1970	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1971	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1972	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1973	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1974	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1975	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1976	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1977	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1978	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1979	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1980	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1981	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1982	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1983	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1984	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1985	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1986	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1987	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1988	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1989	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1990	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1991	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1992	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1993	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1994	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1995	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1996	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1997	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1998	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
1999	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2000	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2001	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2002	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2003	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2004	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2005	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2006	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2007	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2008	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2009	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2010	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2011	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2012	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2013	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2014	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2015	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2016	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2017	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2018	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2019	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2020	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2021	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2022	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2023	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*
2024	1.0	1.0	1.0	1.0	1.0	TRACE*	6.00*

[illegible]

1. 11/11/11

THE UNIVERSITY OF CHICAGO PRESS

OPERATING LOCATION: 1A
 WEATHERED, ARMYVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 FROM 10 MAY TO 10 MAY 1961

STATION NUMBER: 722270 STATION NAME: DODGING ARMY
 LST TO UTC: +15

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL
0.0	96.9	97.3	98.5	100.0	100.0	100.0	100.0
TRACE	2.0	1.5	.4				
1	1.7	.7	.1				
2	.8	.2	.1				
3	.2	.3	.2				
4--	.1						
7-12							
13-24							
25-36							
37-4							
47-60							
61-120							
121-120							
DAYS WITH NO AS AMTS	2.7	1.2	.7				
TOTAL 0.0-7411.00	12.2	11.5	13.2	12.0	13.2	12.0	12.4

STUDY OF OCCURRENCE OF SNOW DEPTH IN INCHES
 SUMMARY OF DAY DATA

STATION: 44 PERIOD OF RECORD: 4607-1955
 MONTH: ALL RECORD: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	99.1
							1.0	.5
							.1	.2
								.1
								.1
								.0

							.1	.4

1247	1247	1247	1247	1250	1259	1230	1223	150.52

OPERATING LOCATION: 1A
USAFOTAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AND HLT
FROM SUMMARY 15 DAY DATA

STATION NUMBER: 722270 STATION NAME: LORAINS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46							
47	0	0	0	0	0	0	0
48	TRACE	0	0	0	0	0	0
49	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
51	0	0	TRACE	0	0	0	0
52	0	1	0	0	0	0	0
53	0	TRACE	0	0	0	0	0
54	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
56	TRACE	0	0	0	0	0	0
57	0	0	0	0	0	0	0
58	0	TRACE	0	0	0	0	0
59	0	0	0	0	0	0	0
60	0	TRACE	0	0	0	0	0
61	1	0	0	0	0	0	0
62	0	0	TRACE	0	0	0	0
63	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0
66	1	0	0	0	0	0	0
67	0	0	0	0	0	0	0
68	1	0	0	0	0	0	0
69	0	1	0	0	0	0	0
70	1	0	0	0	0	0	0
71	TRACE	1	1	0	0	0	0
72	0	0	0	0	0	0	0
73	1	0	0	0	0	0	0
74	0	TRACE	0	0	0	0	0
75	0	0	0	0	0	0	0
76	TRACE	0	0	0	0	0	0
77	1	0	0	0	0	0	0
78	TRACE	TRACE	0	0	0	0	0
79	0	0	0	0	0	0	0
80	0	1	0	0	0	0	0

OPERATING LOCATION: 'A'
USAFETAC, ASHEVILLE, NC

EXTREME DAILY SNOW DEPTH AMOUNT IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA

LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	0	0	0	0	0	0	0	0
82	2	TRACE	0	0	0	0	0	0
83	1	1	1	0	0	0	0	0
84	0	1	0	0	0	0	0	0
85	TRACE	3	0	0	0	0	0	0
86	2	0	0	0	0	0	0	0
87	4	0	1	0	0	0	0	0
88	2	0	0	0	0	0	0	0

GREATEST	4	3	3	0	0	0	0	0
TOTAL DAYS	1282	1165	1302	1250	1302	123	124	124

THE GREATEST VALUE OF 4 OCCURRED ON 01/22/87

NOTE: THIS VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE

DAILY SNOW DEPTH AMOUNTS IN INCHES
 SUMMARY OF DAY DATA

11

PERIOD OF RECORD: 4409-4606
 MONTH: ALL HOURS: ALL

DAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	0	0	0	0	0	0	0*	0*
	0	0	0	0	0	0	0*	2*
	0	0	0	0	0	0	TRACE*	1*
	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	3
	0	0	0	0	0	0	0*	2*
	0	0	0	0	0	0	0*	4*
								2*

	0	0	0	0	0	0	1	4
123	124	125	126	127	128	129	130	131

11/11/77 11/22/77

WITH LESS THAN 10 INCH DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: JAM
USAFETAC, ASHEVILLE, NC

FIRST AND LAST DAYS OF OCCURRENCE OF
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722272 STATION NAME: DOWNS AREA 2A

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
47 - 48	JAN 23			FEB 10
49 - 50	JAN 23			FEB 10
50 - 51	NOV 24	MAR 14		MAR 14
51 - 52	NOV 03	FEB 26	FEB 27	MAR 24
52 - 53	JAN 03	FEB 14		FEB 10
53 - 54	DEC 14			MAR 11
54 - 55	NOV 14			MAR 11
55 - 56	DEC 01			DEC 01
56 - 57	NOV 26	JAN 11		JAN 11
57 - 58	DEC 11	JAN 29		MAR 21
58 - 59	NOV 28	DEC 11		MAR 11
59 - 60	NOV 27	FEB 21	MAR 06	MAR 11
60 - 61	DEC 12	DEC 18	JAN 29	MAR 11
61 - 62	DEC 24	DEC 31	JAN 19	MAR 11
62 - 63	DEC 05	DEC 06		JAN 11
63 - 64			JAN 01	
64 - 65			JAN 15	
65 - 66			JAN 26	
67 - 68	MAR 01		JAN 14	MAR 26
68 - 69	NOV 09	FEB 16	FEB 16	MAR 11
69 - 70	NOV 14	JAN 11	JAN 23	MAR 17
70 - 71	NOV 04	DEC 30	FEB 13	MAR 11
71 - 72	NOV 23	DEC 03	DEC 04	MAR 11
72 - 73	NOV 26		JAN 29	MAR 11
73 - 74	DEC 10	DEC 21		MAR 11
74 - 75	DEC 01	DEC 17		MAR 17
75 - 76	NOV 13	NOV 23		MAR 11
76 - 77	JAN 13	JAN 24	JAN 24	JAN 11
77 - 78	DEC 04	JAN 26		MAR 17
78 - 79	JAN 02	JAN 24	FEB 10	MAR 26
79 - 80	JAN 05	FEB 06	FEB 06	MAR 17
80 - 81	NOV 26			MAR 11

1. DAYS OF OCCURRENCE BY SNOW-YEAR
 SUMMARY OF DAY DATE

STATION		PERIOD OF RECORD: 4809-4805	
		SNOW-YEAR: 1 AUG - 31 JUL	
TEST	LAST	LAST	LAST
MEASURABLE	SNOWFALL	MEASURABLE	MEASURABLE
DEPTH	SNOWFALL	SNOWFALL	SNOW DEPTH
	FEB 10		
	MAR 14	MAR 14	
27	MAR 24	FEB 26	FEB 27
	FEB 15	FEB 14	
	MAR 01		
	MAR 26		
	JAN 27		
	JAN 11	JAN 11	
	MAR 21	FEB 18	
	MAR 17	DEC 19	
28	MAR 20	MAR 15	MAR 12
29	MAR 25	JAN 20	JAN 2
30	MAR 06	MAR 06	JAN 13
	JAN 27	DEC 26	
31			JAN 02
32			JAN 15
33			JAN 31
34	MAR 23		FEB 29
35	MAR 06	FEB 16	FEB 16
36	MAR 17	JAN 23	JAN 23
37	MAR 26	MAR 25	MAR 25
38	MAR 26	DEC 03	DEC 24
39	FEB 16		JAN 11
	FEB 26	DEC 21	
	MAR 10	DEC 17	
	FEB 01	NOV 23	
40	JAN 31	JAN 24	JAN 25
	MAR 17	MAR 03	
41	MAR 25	FEB 13	FEB 26
42	MAR 02	FEB 06	FEB 05
	MAR 11		

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE
FROM SUMMARY OF DAY DATA

STATION NUMBER: 720270

STATION NAME: JOHNS AFB GA

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
81 - 82	DEC 19	JAN 12	JAN 12	FEB 27
82 - 83	JAN 12	JAN 20	JAN 21	MAR 24
83 - 84	DEC 27	FEB 06	FEB 06	MAR 27
84 - 85	DEC 06	JAN 20	FEB 12	FEB 12
85 - 86	DEC 14	JAN 27	JAN 27	FEB 12
86 - 87	DEC 12	JAN 22	JAN 22	MAR 12
87 - 88	JAN 06	JAN 07	JAN 07	MAR 12
MEDIAN-DATE	DEC 06	JAN 16	JAN 24	

ST DAYS OF OCCURRENCE BY SNOW-YEAR
SUMMARY OF DAY DATA

STATION: 4609-3005
PERIOD OF RECORD: 1 AUG - 31 JUL
SNOW-YEAR: 1 AUG - 31 JUL

.....			
FIRST SNOWFALL DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
.....			
JAN 13	FEB 27	JAN 14	JAN 14
MAR 21	MAR 24	MAR 24	MAR 24
APR 06	APR 21	APR 21	APR 04
MAY 12	FEB 12	FEB 12	APR 13
JUN 27	FEB 12	JAN 27	JAN 27
JUL 22	APR 04	APR 23	MAR 12
AUG 01	MAR 14	JAN 07	JAN 11
JUL 24	MAY 07	FEB 09	JAN 31

00000000
00000000
00 00
00 00
00000000
00000000
00
00
00
00

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

XXXXXX
XXXXXX
00 00
00 00
00000000
XXXXXX
00 00
00 00
00 00
00 00

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

1000	TTTTTTTTT
1000	TTTTTTTTT
1000	TT
1000	TT
1000	TT
1000	TT
1000	TT
1000	TT
1000	TT
1000	TT

CCCCC	
CCCCCCCC	
CC	CC
CC	
CC	
CC	
CC	
CC	CC
CCCCCCCC	
CCCCC	

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING THROUGH JUNE 1948, BUT IN JULY 1948, ALL STATIONS OF WEATHER SERVICE STARTED RECORDING DIRECTIONS IN 10° IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE PEAK WIND RECORD FOR THE ENTIRE PERIOD OF RECORD. A VALUE FOR A MONTH FOR WHICH LESS THAN 20% OF THE DAY ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE DAYS

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED FOR YEARS COMBINED, FOR ELEVEN WIND SPEEDS OF WIND. IT INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED AS "CALM," THAT COUNT GOES INTO THE "1-4 MPH" DAY. MEANS, MEDIAN, AND TOTAL OBSERVATION COUNTS. IT TAKES ACCOUNT FOR A PEAK WIND BEING RECORDED FOR TWO DAYS

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM DAILY OBSERVATIONS. IN THE DATA OF FULL WS:

- BY NIGHT 2-HOUR STATIONS WITH RECORDS OF WIND
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A GRAPHICAL REPRESENTATION OF THE WIND FREQUENCY (PERCENT) FOR EACH WIND SPEED AND DIRECTION. SECTION GIVE IN 10° ANGLES INDICATES. "CALM" WINDS GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N, S, E, W) TOTAL PERCENTAGES, MEANS, AND MEDIAN FOR EACH SECTION OBSERVATION COUNTS, ARE PRINTED AT THE END OF EACH SUMMARY.

ALSO PROVIDED: A GRAPHICAL REPRESENTATION OF THE WIND FREQUENCY FOR EACH WIND SPEED AND DIRECTION.

AND THE VISIBILITY IN CERTAIN YEARS OF RECORD. IN THE RECORDING MONTH OF THAT YEAR OF THAT YEAR. IF THIS COMBINED IN A YEAR, THEN THE FOLLOWING RECORDING IS AS ALL THAT IS USED IN THE RECORDING YEAR. FOR THE YEAR (1948) THE FOLLOWING

CONVERSION: 1 UNIT = 0.016721 METERS PER SECOND

PART C

WIND AND SUMMARY

1. SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. OBSERVATIONS FROM THE BEGINNING OF PERIOD OF RECORD (JULY 1964). ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE REPORT DIRECTIONS IN TENS OF DEGREES. DATA FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD. LATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE MAXIMUM AND MINIMUM. AN ASTERISK (*) INDICATES MORE THAN 20% OF THE DATA ARE AVAILABLE. AN "X" WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

2. FREQUENCY. DATA IS SUMMARIZED BY MONTH, FOR ALL WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP IS REPORTED FOR A PARTICULAR DAY AND THE "1-4 KNOT" CATEGORY. TABLES INCLUDE OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ARE REPORTED FOR EACH DAY OF EACH MONTH.

3. FREQUENCY OF OCCURRENCE OF WIND. THEY SUMMARIZE

4. FREQUENCY OF OCCURRENCE OF WIND (ALL YEARS COMBINED).

5. FREQUENCY OF OCCURRENCE OF WIND.

6. FREQUENCY OF OCCURRENCE OF WIND.

7. FREQUENCY OF THE PRESENT OCCURRENCE OF WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION. "CALM" AND "VARIABLE" WINDS ARE NOT IN DIRECTIONS (N, E, S, W) APPEAR FOR REFERENCE. FREQUENCY OF EACH SECTION, ALONG WITH TOTAL OBSERVATIONS FOR EACH SUMMARY.

8. FREQUENCY OF WIND DIRECTION VERSUS WIND SPEED. FREQUENCY OF EACH SECTION, ALONG WITH TOTAL OBSERVATIONS FOR EACH SUMMARY.

9. FREQUENCY OF WIND DIRECTION VERSUS WIND SPEED. FREQUENCY OF EACH SECTION, ALONG WITH TOTAL OBSERVATIONS FOR EACH SUMMARY.

10. FREQUENCY OF WIND DIRECTION VERSUS WIND SPEED.

OPERATING LOCATION: IAF
USAFETAC, ASHEVILLE, NC

PERIOD: 001-4000 1000-1400, 1400-1800
EIGHT SUMMER MONTHS: MAY - OCT

STATION NUMBER: 722270 STATION NAME: TRAINING AREA 04
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
51		W 45	S 37	SS 42	W 34	W 75	SS 47	W 37
52	W 42	W 45	S 42	SW 42	W 40	W 43	SS 31	W 43
53	W 30	W 51	W 37	W 40	SS 25	W 47	W 40	W 43
54	W 52	SS 50	W 40	W 37	W 50	W 42	W 50	W 43
55	W 42	W 43	W 41	W 45	W 53	W 44	SS 35	W 26
56	W 35	W 64	W 52	W 47	W 36	W 33	W 42	W 35
57	W 36	W 37	W 32	W 44	W 40	W 44	W 35	W 43
58	W 40	W 42	W 32	W 43	W 35	W 35	SS 42	W 35
59	W 51	W 34	W 40	W 35	W 35	W 29	SS 42	W 35
60	W 35	W 42	W 30	W 31	W 45	W 45	W 25	W 35
61	W 43	W 43	W 47	W 45	W 32	W 35	SS 45	W 31
62	W 35	SS 35	W 47	W 42	W 27	W 25	SS 45	W 35
63	W 45	W 43	W 35	W 29	W 27	W 36	W 37	W 25
64	W 33	W 32	W 37	W 39	W 35	W 35	W 25	W 35
65	W 43	SS 47	W 44	W 35	SS 40	W 27	W 33	W 35
66	W 45	SS 35	W 33	W 35	W 35	W 27	SS 35	W 35
67	W 33	W 35	W 35	W 37	W 34	W 29	W 35	W 35
68	W 33	W 35	W 43	W 34	W 42	W 51	W 37	W 42
69	22/ 24	31/ 33	12/ 44	12/ 32	30/ 35	30/ 29	22/ 35	22/ 35
70	22/ 35	22/ 35	26/ 31	23/ 35	12/ 25	17/ 35	32/ 35	25/ 35
71	30/ 34	31/ 35	24/ 35	30/ 35	24/ 45	31/ 35	31/ 47	25/ 35
72	32/ 35	33/ 44	22/ 35	30/ 44	31/ 27	23/ 35	21/ 31	25/ 37
73	23/ 35	31/ 29	23/ 34	35/ 35	27/ 45	27/ 27	23/ 21	27/ 25
74	33/ 24	27/ 33	27/ 44	32/ 30	23/ 37	20/ 24	20/ 35	12/ 41
75	25/ 35	29/ 25	22/ 45	22/ 45	34/ 33	22/ 27	12/ 35	35/ 35
76	31/ 34	31/ 35	32/ 45	25/ 25	15/ 22	31/ 25	30/ 37	30/ 35
77	30/ 35	15/ 34	33/ 35	30/ 33	19/ 42	23/ 43	35/ 40	31/ 45
78	25/ 43	25/ 35	32/ 35	25/ 35	15/ 39	33/ 25	11/ 32	29/ 25
79	31/ 35	32/ 33	15/ 33	32/ 35	32/ 25	32/ 27	30/ 27	31/ 22
80	31/ 32	24/ 41	30/ 35	30/ 35	15/ 25	31/ 34	35/ 32	32/ 32
81	32/ 25	27/ 34	32/ 42	22/ 32	24/ 35	35/ 32	32/ 22	21/ 35
82	25/ 35	32/ 31	30/ 35	27/ 35	13/ 21	27/ 32	33/ 19	11/ 25
83	31/ 42	15/ 25	10/ 34	12/ 31	30/ 25	30/ 23	33/ 35	12/ 25
84	22/ 34	27/ 40	27/ 45	23/ 25	25/ 45	29/ 35	32/ 25	17/ 21
85	33/ 35	30/ 40	33/ 32	25/ 45	25/ 20	34/ 32	31/ 35	21/ 25

DEAR SURFACE WINDS IN KNOTS

FROM SUMMARY 4 DAY DATA

APR 64

POSITION OF RECORD: 5102-1000

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
34	44	75	SSW 49	SW 50	SW 47	SSW 39	NW 39	W 40
40	42	43	SSW 31	N 49	N 35	NNW 46	NW 38	WSW 37
25	44	47	NNW 50	NNW 43	NNW 40	NNW 35	NW 32	NW 35
50	44	47	NNW 50	NNW 50	NNW 44	N 43	S 47	WSW 47
53	44	44	SSW 35	NNW 26	NNW 33	WSW 42	N 34	NW 30
46	43	39	SW 42	SSW 30	NNW 30	NW 26	NW 34	NNW 35
40	44	44	SSW 33	N 35	NNW 31	NW 30	NNW 48	N 45
35	44	38	SW 52	SSW 23	SW 24	SSW 25	NNW 32	NW 32
35	45	29	SW 42	SSW 35	NNW 21	E 33	NNW 32	N 37
45	4	45	N 29	N 38	SSW 40	SW 35	SSW 23	NNW 35
32	38	35	SSW 40	N 31	NNW 20	NNW 30	NW 27	SW 43
27	4	25	SSW 40	N 35	NNW 20	N 33	NW 35	NW 32
27	38	36	E 37	N 24	NNW 23	N 20	NNW 26	N 24
38	44	38	E 25	NW 33	E 36	NNW 31	NNW 34	NNW 30
4	38	27	NNW 33	NNW 30	N 25	NNW 33	WSW 38	NW 25
37	37	27	SSW 37	NNW 23	NNW 18	N 20	NNW 25	NNW 25
4	4	24	NNW 29	SW 22	N 26	NW 33	NNW 30	NW 37
42	38	31	14/ 37	03/ 42	12/ 20	27/ 27	29/ 29	31/ 35
35	30/ 29	24/ 35	00/ 34	00/ 23	00/ 35	31/ 40	22/ 34	12/ 46
25	17/ 35	32/ 33	25/ 22	26/ 34	35/ 12	32/ 23	33/ 31	20/ 33
41	31/ 35	31/ 47	23/ 24	27/ 20	31/ 29	31/ 34	31/ 31	31/ 47
17	23/ 33	21/ 41	25/ 47	23/ 31	09/ 34	09/ 27	31/ 40	25/ 47
47	27/ 27	20/ 21	07/ 23	00/ 27	32/ 22	29/ 26	19/ 35	27/ 45
37	20/ 24	00/ 35	13/ 41	00/ 27	33/ 21	22/ 24	00/ 25	27/ 46
33	22/ 27	10/ 33	32/ 32	15/ 47	15/ 35	31/ 23	34/ 35	15/ 47
22	31/ 2	35/ 37	30/ 32	31/ 25	33/ 29	36/ 32	31/ 35	35/ 40
42	33/ 43	35/ 40	33/ 40	35/ 30	23/ 23	24/ 33	30/ 34	33/ 43
39	33/ 25	11/ 32	29/ 26	11/ 23	31/ 30	30/ 22	20/ 34	25/ 43
29	32/ 27	30/ 22	01/ 32	13/ 39	32/ 26	32/ 29	33/ 35	13/ 39
15	31/ 34	35/ 32	30/ 32	12/ 35	25/ 25	25/ 25	25/ 24	25/ 41
15	35/ 32	32/ 29	21/ 33	31/ 42	29/ 27	30/ 29	35/ 25	32/ 42
21	27/ 32	33/ 19	11/ 20	10/ 19	34/ 21	32/ 27	25/ 29	30/ 39
25	30/ 23	33/ 35	12/ 26	23/ 25	10/ 23	14/ 23	32/ 39	31/ 42
43	39/ 34	32/ 25	17/ 21	34/ 27	24/ 27	27/ 50	31/ 35	27/ 50
25	34/ 52	31/ 35	21/ 25	13/ 24	09/ 34	33/ 35	34/ 32	44/ 52

OPERATING LOCATION: '1'
 DEARBORO, ASHEVILLE, NC

PEAK SURFACE WINDS IN MPH
 FROM DIRECTION OF DAY

STATION NUMBER: 720270 STATION NAME: DEARBORO AREA 04
 LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
86	33/ 35	35/ 37	29/ 32	32/ 29	15/ 20	21/ 32	27/ 32	29/ 32
87	22/ 36	01/ 39	11/ 27	31/ 26	03/ 30	21/ 35	19/ 32	32/ 32
88	09/ 29	33/ 32	24/ 21	25/ 35	33/ 32			

GREATEST	4	52	28W 64	2W 52	38W 52	53	28W 71	27E 69	28W 61
TOTAL YES	1112	1058	1176	1124	1150	1101	1145	1110	1110

THE PEAK WIND OF 71 FROM 28W OCCURRED ON 06/07/81

NOTE: WIND VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DAY
 WIND VALUE IS 100 OR GREATER WITH LESS THAN 4% OF DAY

SEA SURFACE WINDS IN KNOTS
 FROM SUMMARY OF DAY DATA

STATION: 5102-3405
 PERIOD OF RECORD: 5102-3405
 MONTH: ALL HOURS: ALL

	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1	31/ 32	03/ 41	24/ 36	30/ 20	29/ 27	13/ 30	14/*26	01/*41
2	21/ 36	19/ 29	33/ 46	16/ 26	30/ 34	33/ 33	30/*32	33/*46
3								23/*26

1	1105	1145	1135	1107	1145	1110	1027	13479

COPIED TO 06/07/51

WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
 WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: 1A1
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
FROM SUMMARY OF WIND DATA

STATION NUMBER: 722273 STATION NAME: D. BRINS AFB GA
LST TO UTC: +05

MONTH	WIND SPEEDS IN KNOTS TO							
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
JAN	.6	7.1	24.2	23.3	21.0	11.0	.	.
FEB	.5	4.7	21.2	24.1	21.4	14.7	7.3	2.
MAR	.1	3.5	20.1	25.7	23.5	14.3	7.5	1.1
APR	.1	2.9	21.7	29.1	23.0	12.7	5.3	1.1
MAY	.4	9.5	33.6	29.5	16.0	4.2	2.2	1.1
JUN	.4	9.3	40.5	25.3	13.2	4.2	3.1	1.
JUL	.2	9.4	40.4	27.2	12.3	4.2	3.0	1.1
AUG	.4	13.9	43.2	23.4	11.4	3.5	1.7	.
SEP	.5	13.2	43.5	23.3	10.4	3.2	1.5	1.1
OCT	.5	12.1	35.5	23.5	14.3	5.2	3.1	1.1
NOV	.3	11.9	32.5	23.3	17.7	7.7	4.1	1.1
DEC	.6	11.5	25.1	24.0	13.1	3.0	1.7	.
ANNUAL	.4	9.1	32.3	25.7	16.9	.1	4.3	1.

FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS OR SUMMARY OF DAY DATA

STATION: 5103
 PERIOD OF RECORD: 8103-2005
 MONTH: ALL HOURS: ALL

WIND SPEEDS IN KNOTS							MEAN	MEDIAN	TOTAL
20-24	25-29	30-34	35-39	40-44	45-49	50-54	WIND	WIND	COUNT
11.0	6.0	2.7	.9	.2	.0	.0	19.3	15.0	1112
14.0	7.0	3.2	1.2	.4	.0	.0	20.3	18.0	1059
14.0	7.0	.6	1.0	.2	.0	.0	20.0	20.0	1175
11.0	6.0	3.1	2.0	.1	.0	.0	20.0	18.0	1124
6.0	2.0	1.4	.2	.3	.0	.0	16.0	16.0	1152
6.0	2.1	1.5	1.1	.4	.2	.0	16.2	14.0	1105
6.0	1.0	1.4	1.7	.3	.1	.0	16.3	14.5	1145
6.0	1.0	.7	.7	.4	.1	.0	15.0	16.0	1136
6.0	1.0	.6	.6	.1	.0	.0	14.7	14.0	1107
6.0	2.1	.4	.3	.0	.0	.0	15.5	14.0	1145
2.0	4.1	1.1	.0	.1	.0	.0	16.7	15.0	1110
1.0	6.1	2.0	.0	.0	.0	.0	17.7	16.0	1097
.1	4.3	1.0	1.1	.2	.0	.0	17.4	15.0	10479

OPERATING LOCATION: WAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM 4 DIRLY OBSERVATIONS

STATION NUMBER: 702070

STATION NAME: DORRIS AFB GA
LSI TO MIC: + 5

		WIND SPEED IN KNOTS									
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(000-089)											
(N)	350-010	10.0				5.0					
	020-040										
	050-070										
(1)	080-100	5.0		5.0							
	110-130	5.0	5.0								
	140-160										
(S)	170-190										
	200-220	5.0									
	230-250	10.0									
(W)	260-280										
	290-310		5.0								
	320-340	5.0		5.0							
.....											
VARIABLE											
CALC //											
TOTALS		40.0	10.0	40.0		5.0					

TOTAL NUMBER OF OBSERVATIONS 20

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

STATION: 34 PERIOD OF RECORD: JUN 71 - MAY 72
 MONTH: JAN YEARS: 00-02

WINDSPEED IN KNOTS
 14 20-29 30-39 40-49 50-59 60-69 70-79 TOTAL MEAN MEDIAN
 16.0 9.7 4.1

10.0 6.0 6.0

10.0 6.0 6.0

5.0 3.0 3.0

10.0 6.0 6.0

5.0 3.0 3.0

40.0 11.1 12.0

100.0 7.1 9.1

OBSERVATIONS 20

DISCONTINUE FREQUENCY OF REPORTING TO BUREAU
FOR ALL BUT 100% OF VARIOUS

STATION NAME: DORRINE A. GRIFFIN
LST TO LDC: 40

[illegible]

DATE	DESCRIPTION	AMOUNT	BALANCE
1/1/20	Opening Balance		100.00
1/15/20	Payment	25.00	75.00
2/1/20	Payment	15.00	60.00
2/15/20	Payment	10.00	50.00
3/1/20	Payment	5.00	45.00
3/15/20	Payment	5.00	40.00
4/1/20	Payment	5.00	35.00
4/15/20	Payment	5.00	30.00
5/1/20	Payment	5.00	25.00
5/15/20	Payment	5.00	20.00
6/1/20	Payment	5.00	15.00
6/15/20	Payment	5.00	10.00
7/1/20	Payment	5.00	5.00
7/15/20	Payment	5.00	0.00
8/1/20	Payment	5.00	-5.00
8/15/20	Payment	5.00	-10.00
9/1/20	Payment	5.00	-15.00
9/15/20	Payment	5.00	-20.00
10/1/20	Payment	5.00	-25.00
10/15/20	Payment	5.00	-30.00
11/1/20	Payment	5.00	-35.00
11/15/20	Payment	5.00	-40.00
12/1/20	Payment	5.00	-45.00
12/15/20	Payment	5.00	-50.00
1/1/21	Payment	5.00	-55.00
1/15/21	Payment	5.00	-60.00
2/1/21	Payment	5.00	-65.00
2/15/21	Payment	5.00	-70.00
3/1/21	Payment	5.00	-75.00
3/15/21	Payment	5.00	-80.00
4/1/21	Payment	5.00	-85.00
4/15/21	Payment	5.00	-90.00
5/1/21	Payment	5.00	-95.00
5/15/21	Payment	5.00	-100.00
6/1/21	Payment	5.00	-105.00
6/15/21	Payment	5.00	-110.00
7/1/21	Payment	5.00	-115.00
7/15/21	Payment	5.00	-120.00
8/1/21	Payment	5.00	-125.00
8/15/21	Payment	5.00	-130.00
9/1/21	Payment	5.00	-135.00
9/15/21	Payment	5.00	-140.00
10/1/21	Payment	5.00	-145.00
10/15/21	Payment	5.00	-150.00
11/1/21	Payment	5.00	-155.00
11/15/21	Payment	5.00	-160.00
12/1/21	Payment	5.00	-165.00
12/15/21	Payment	5.00	-170.00
1/1/22	Payment	5.00	-175.00
1/15/22	Payment	5.00	-180.00
2/1/22	Payment	5.00	-185.00
2/15/22	Payment	5.00	-190.00
3/1/22	Payment	5.00	-195.00
3/15/22	Payment	5.00	-200.00
4/1/22	Payment	5.00	-205.00
4/15/22	Payment	5.00	-210.00
5/1/22	Payment	5.00	-215.00
5/15/22	Payment	5.00	-220.00
6/1/22	Payment	5.00	-225.00
6/15/22	Payment	5.00	-230.00
7/1/22	Payment	5.00	-235.00
7/15/22	Payment	5.00	-240.00
8/1/22	Payment	5.00	-245.00
8/15/22	Payment	5.00	-250.00
9/1/22	Payment	5.00	-255.00
9/15/22	Payment	5.00	-260.00
10/1/22	Payment	5.00	-265.00
10/15/22	Payment	5.00	-270.00
11/1/22	Payment	5.00	-275.00
11/15/22	Payment	5.00	-280.00
12/1/22	Payment	5.00	-285.00
12/15/22	Payment	5.00	-290.00
1/1/23	Payment	5.00	-295.00
1/15/23	Payment	5.00	-300.00
2/1/23	Payment	5.00	-305.00
2/15/23	Payment	5.00	-310.00
3/1/23	Payment	5.00	-315.00
3/15/23	Payment	5.00	-320.00
4/1/23	Payment	5.00	-325.00
4/15/23	Payment	5.00	-330.00
5/1/23	Payment	5.00	-335.00
5/15/23	Payment	5.00	-340.00
6/1/23	Payment	5.00	-345.00
6/15/23	Payment	5.00	-3

TOTALS	25.2	25.2	10.3	7.	0.7

TOTAL NUMBER OF STUDENTS 875

7. M. ACCURATE SURFACE AND DIRECTION WINDS WITH SPEED
 AND DAILY OBSERVATIONS

DATE OF RECORD: JUN 7 - MAY 11
 CENTER: JMW HOURS: 05-24

IN. HRS	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154	155-159	160-164	165-169	170-174	175-179	180-184	185-189	190-194	195-199	200-204	205-209	210-214	215-219	220-224	225-229	230-234	235-239	240-244	245-249	250-254	255-259	260-264	265-269	270-274	275-279	280-284	285-289	290-294	295-299	300-304	305-309	310-314	315-319	320-324	325-329	330-334	335-339	340-344	345-349	350-354	355-359	360-364	365-369	370-374	375-379	380-384	385-389	390-394	395-399	400-404	405-409	410-414	415-419	420-424	425-429	430-434	435-439	440-444	445-449	450-454	455-459	460-464	465-469	470-474	475-479	480-484	485-489	490-494	495-499	500-504	505-509	510-514	515-519	520-524	525-529	530-534	535-539	540-544	545-549	550-554	555-559	560-564	565-569	570-574	575-579	580-584	585-589	590-594	595-599	600-604	605-609	610-614	615-619	620-624	625-629	630-634	635-639	640-644	645-649	650-654	655-659	660-664	665-669	670-674	675-679	680-684	685-689	690-694	695-699	700-704	705-709	710-714	715-719	720-724	725-729	730-734	735-739	740-744	745-749	750-754	755-759	760-764	765-769	770-774	775-779	780-784	785-789	790-794	795-799	800-804	805-809	810-814	815-819	820-824	825-829	830-834	835-839	840-844	845-849	850-854	855-859	860-864	865-869	870-874	875-879	880-884	885-889	890-894	895-899	900-904	905-909	910-914	915-919	920-924	925-929	930-934	935-939	940-944	945-949	950-954	955-959	960-964	965-969	970-974	975-979	980-984	985-989	990-994	995-999	1000-1004	1005-1009	1010-1014	1015-1019	1020-1024	1025-1029	1030-1034	1035-1039	1040-1044	1045-1049	1050-1054	1055-1059	1060-1064	1065-1069	1070-1074	1075-1079	1080-1084	1085-1089	1090-1094	1095-1099	1100-1104	1105-1109	1110-1114	1115-1119	1120-1124	1125-1129	1130-1134	1135-1139	1140-1144	1145-1149	1150-1154	1155-1159	1160-1164	1165-1169	1170-1174	1175-1179	1180-1184	1185-1189	1190-1194	1195-1199	1200-1204	1205-1209	1210-1214	1215-1219	1220-1224	1225-1229	1230-1234	1235-1239	1240-1244	1245-1249	1250-1254	1255-1259	1260-1264	1265-1269	1270-1274	1275-1279	1280-1284	1285-1289	1290-1294	1295-1299	1300-1304	1305-1309	1310-1314	1315-1319	1320-1324	1325-1329	1330-1334	1335-1339	1340-1344	1345-1349	1350-1354	1355-1359	1360-1364	1365-1369	1370-1374	1375-1379	1380-1384	1385-1389	1390-1394	1395-1399	1400-1404	1405-1409	1410-1414	1415-1419	1420-1424	1425-1429	1430-1434	1435-1439	1440-1444	1445-1449	1450-1454	1455-1459	1460-1464	1465-1469	1470-1474	1475-1479	1480-1484	1485-1489	1490-1494	1495-1499	1500-1504	1505-1509	1510-1514	1515-1519	1520-1524	1525-1529	1530-1534	1535-1539	1540-1544	1545-1549	1550-1554	1555-1559	1560-1564	1565-1569	1570-1574	1575-1579	1580-1584	1585-1589	1590-1594	1595-1599	1600-1604	1605-1609	1610-1614	1615-1619	1620-1624	1625-1629	1630-1634	1635-1639	1640-1644	1645-1649	1650-1654	1655-1659	1660-1664	1665-1669	1670-1674	1675-1679	1680-1684	1685-1689	1690-1694	1695-1699	1700-1704	1705-1709	1710-1714	1715-1719	1720-1724	1725-1729	1730-1734	1735-1739	1740-1744	1745-1749	1750-1754	1755-1759	1760-1764	1765-1769	1770-1774	1775-1779	1780-1784	1785-1789	1790-1794	1795-1799	1800-1804	1805-1809	1810-1814	1815-1819	1820-1824	1825-1829	1830-1834	1835-1839	1840-1844	1845-1849	1850-1854	1855-1859	1860-1864	1865-1869	1870-1874	1875-1879	1880-1884	1885-1889	1890-1894	1895-1899	1900-1904	1905-1909	1910-1914	1915-1919	1920-1924	1925-1929	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024	2025-2029	2030-2034	2035-2039	2040-2044	2045-2049	2050-2054	2055-2059	2060-2064	2065-2069	2070-2074	2075-2079	2080-2084	2085-2089	2090-2094	2095-2099	2100-2104	2105-2109	2110-2114	2115-2119	2120-2124	2125-2129	2130-2134	2135-2139	2140-2144	2145-2149	2150-2154	2155-2159	2160-2164	2165-2169	2170-2174	2175-2179	2180-2184	2185-2189	2190-2194	2195-2199	2200-2204	2205-2209	2210-2214	2215-2219	2220-2224	2225-2229	2230-2234	2235-2239	2240-2244	2245-2249	2250-2254	2255-2259	2260-2264	2265-2269	2270-2274	2275-2279	2280-2284	2285-2289	2290-2294	2295-2299	2300-2304	2305-2309	2310-2314	2315-2319	2320-2324	2325-2329	2330-2334	2335-2339	2340-2344	2345-2349	2350-2354	2355-2359	2360-2364	2365-2369	2370-2374	2375-2379	2380-2384	2385-2389	2390-2394	2395-2399	2400-2404	2405-2409	2410-2414	2415-2419	2420-2424	2425-2429	2430-2434	2435-2439	2440-2444	2445-2449	2450-2454	2455-2459	2460-2464	2465-2469	2470-2474	2475-2479	2480-2484	2485-2489	2490-2494	2495-2499	2500-2504	2505-2509	2510-2514	2515-2519	2520-2524	2525-2529	2530-2534	2535-2539	2540-2544	2545-2549	2550-2554	2555-2559	2560-2564	2565-2569	2570-2574	2575-2579	2580-2584	2585-2589	2590-2594	2595-2599	2600-2604	2605-2609	2610-2614	2615-2619	2620-2624	2625-2629	2630-2634	2635-2639	2640-2644	2645-2649	2650-2654	2655-2659	2660-2664	2665-2669	2670-2674	2675-2679	2680-2684	2685-2689	2690-2694	2695-2699	2700-2704	2705-2709	2710-2714	2715-2719	2720-2724	2725-2729	2730-2734	2735-2739	2740-2744	2745-2749	2750-2754	2755-2759	2760-2764	2765-2769	2770-2774	2775-2779	2780-2784	2785-2789	2790-2794	2795-2799	2800-2804	2805-2809	2810-2814	2815-2819	2820-2824	2825-2829	2830-2834	2835-2839	2840-2844	2845-2849	2850-2854	2855-2859	2860-2864	2865-2869	2870-2874	2875-2879	2880-2884	2885-2889	2890-2894	2895-2899	2900-2904	2905-2909	2910-2914	2915-2919	2920-2924	2925-2929	2930-2934	2935-2939	2940-2944	2945-2949	2950-2954	2955-2959	2960-2964	2965-2969	2970-2974	2975-2979	2980-2984	2985-2989	2990-2994	2995-2999	3000-3004	3005-3009	3010-3014	3015-3019	3020-3024	3025-3029	3030-3034	3035-3039	3040-3044	3045-3049	3050-3054	3055-3059	3060-3064	3065-3069	3070-3074	3075-3079	3080-3084	3085-3089	3090-3094	3095-3099	3100-3104	3105-3109	3110-3114	3115-3119	3120-3124	3125-3129	3130-3134	3135-3139	3140-3144	3145-3149	3150-3154	3155-3159	3160-3164	3165-3169	3170-3174	3175-3179	3180-3184	3185-3189	3190-3194	3195-3199	3200-3204	3205-3209	3210-3214	3215-3219	3220-3224	3225-3229	3230-3234	3235-3239	3240-3244	3245-3249	3250-3254	3255-3259	3260-3264	3265-3269	3270-3274	3275-3279	3280-3284	3285-3289	3290-3294	3295-3299	3300-3304	3305-3309	3310-3314	3315-3319	3320-3324	3325-3329	3330-3334	3335-3339	3340-3344	3345-3349	3350-3354	3355-3359	3360-3364	3365-3369	3370-3374	3375-3379	3380-3384	3385-3389	3390-3394	3395-3399	3400-3404	3405-3409	3410-3414	3415-3419	3420-3424	3425-3429	3430-3434	3435-3439	3440-3444	3445-3449	3450-3454	3455-3459	3460-3464	3465-3469	3470-3474	3475-3479	3480-3484	3485-3489	3490-3494	3495-3499	3500-3504	3505-3509	3510-3514	3515-3519	3520-3524	3525-3529	3530-3534	3535-3539	3540-3544	3545-3549	3550-3554	3555-3559	3560-3564	3565-3569	3570-3574	3575-3579	3580-3584	3585-3589	3590-3594	3595-3599	3600-3604	3605-3609	3610-3614	3615-3619	3620-3624	3625-3629	3630-3634	3635-3639	3640-3644	3645-3649	3650-3654	3655-3659	3660-3664	3665-3669	3670-3674	3675-3679	3680-3684	3685-3689	3690-3694	3695-3699	3700-3704	3705-3709	3710-3714	3715-3719	3720-3724	3725-3729	3730-3734	3735-3739	3740-3744	3745-3749	3750-3754	3755-3759	3760-3764	3765-3769	3770-3774	3775-3779	3780-3784	3785-3789	3790-3794	3795-3799	3800-3804	3805-3809	3810-3814	3815-3819	3820-3824	3825-3829	3830-3834	3835-3839	3840-3844	3845-3849	3850-3854	3855-3859	3860-3864	3865-3869	3870-3874	3875-3879	3880-3884	3885-3889	3890-3894	3895-3899	3900-3904	3905-3909	3910-3914	3915-3919	3920-3924	3925-3929	3930-3934	3935-3939	3940-3944	3945-3949	3950-3954	3955-3959	3960-3964	3965-3969	3970-3974	3975-3979	3980-3984	3985-3989	3990-3994	3995-3999	4000-4004	4005-4009	4010-4014	4015-4019	4020-4024	4025-4029	4030-4034	4035-4039	4040-4044	4045-4049	4050-4054	4055-4059	4060-4064	4065-4069	4070-4074	4075-4079	4080-4084	4085-4089	4090-4094	4095-4099	4100-4104	4105-4109	4110-4114	4115-4119	4120-4124	4125-4129	4130-4134	4135-4139	4140-4144	4145-4149	4150-4154	4155-4159	4160-4164	4165-4169	4170-4174	4175-4179	4180-4184	4185-4189	4190-4194	4195-4199	4200-4204	4205-4209	4210-4214	4215-4219	4220-4224	4225-4229	4230-4234	4235-4239	4240-4244	4245-4249	4250-4254	4255-4259	4260-4264	4265-4269	4270-4274	4275-4279	4280-4284	4285-4289	4290-4294	4295-4299	4300-4304	4305-4309	4310-4314	4315-4319	4320-4324	4325-4329	4330-4334	4335-4339	4340-4344	4345-4349	4350-4354	4355-4359	4360-4364	4365-4369	4370-4374	4375-4379	4380-4384	4385-4389	4390-4394	4395-4399	4400-4404	4405-4409	4410-4414	4415-4419	4420-4424	4425-4429	4430-4434	4435-4439	4440-4444	4445-4449	4450-4454	4455-4459	4460-4464	4465-4469	4470-4474	4475-4479	4480-4484	4485-4489	4490-4494	4495-4499	4500-4504	4505-4509	4510-4514	4515-4519	4520-4524	4525-4529	4530-4534	4535-4539

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-28-2001 BY 60322 UCBAW

SEATTLE WFO: 3 - 113 474 04
LSI IN DTG: + 5

11-1011, 1-4, 5-9, 10-14, 14-14, 15-24, 21-22, 3-33, 4-3, 5-1, 6-1, 7-1, 8-1, 9-1, 10-1, 11-1, 12-1, 13-1, 14-1, 15-1, 16-1, 17-1, 18-1, 19-1, 20-1, 21-1, 22-1, 23-1, 24-1, 25-1, 26-1, 27-1, 28-1, 29-1, 30-1, 31-1, 32-1, 33-1, 34-1, 35-1, 36-1, 37-1, 38-1, 39-1, 40-1, 41-1, 42-1, 43-1, 44-1, 45-1, 46-1, 47-1, 48-1, 49-1, 50-1, 51-1, 52-1, 53-1, 54-1, 55-1, 56-1, 57-1, 58-1, 59-1, 60-1, 61-1, 62-1, 63-1, 64-1, 65-1, 66-1, 67-1, 68-1, 69-1, 70-1, 71-1, 72-1, 73-1, 74-1, 75-1, 76-1, 77-1, 78-1, 79-1, 80-1, 81-1, 82-1, 83-1, 84-1, 85-1, 86-1, 87-1, 88-1, 89-1, 90-1, 91-1, 92-1, 93-1, 94-1, 95-1, 96-1, 97-1, 98-1, 99-1, 100-1, 101-1, 102-1, 103-1, 104-1, 105-1, 106-1, 107-1, 108-1, 109-1, 110-1, 111-1, 112-1, 113-1, 114-1, 115-1, 116-1, 117-1, 118-1, 119-1, 120-1, 121-1, 122-1, 123-1, 124-1, 125-1, 126-1, 127-1, 128-1, 129-1, 130-1, 131-1, 132-1, 133-1, 134-1, 135-1, 136-1, 137-1, 138-1, 139-1, 140-1, 141-1, 142-1, 143-1, 144-1, 145-1, 146-1, 147-1, 148-1, 149-1, 150-1, 151-1, 152-1, 153-1, 154-1, 155-1, 156-1, 157-1, 158-1, 159-1, 160-1, 161-1, 162-1, 163-1, 164-1, 165-1, 166-1, 167-1, 168-1, 169-1, 170-1, 171-1, 172-1, 173-1, 174-1, 175-1, 176-1, 177-1, 178-1, 179-1, 180-1, 181-1, 182-1, 183-1, 184-1, 185-1, 186-1, 187-1, 188-1, 189-1, 190-1, 191-1, 192-1, 193-1, 194-1, 195-1, 196-1, 197-1, 198-1, 199-1, 200-1, 201-1, 202-1, 203-1, 204-1, 205-1, 206-1, 207-1, 208-1, 209-1, 210-1, 211-1, 212-1, 213-1, 214-1, 215-1, 216-1, 217-1, 218-1, 219-1, 220-1, 221-1, 222-1, 223-1, 224-1, 225-1, 226-1, 227-1, 228-1, 229-1, 230-1, 231-1, 232-1, 233-1, 234-1, 235-1, 236-1, 237-1, 238-1, 239-1, 240-1, 241-1, 242-1, 243-1, 244-1, 245-1, 246-1, 247-1, 248-1, 249-1, 250-1, 251-1, 252-1, 253-1, 254-1, 255-1, 256-1, 257-1, 258-1, 259-1, 260-1, 261-1, 262-1, 263-1, 264-1, 265-1, 266-1, 267-1, 268-1, 269-1, 270-1, 271-1, 272-1, 273-1, 274-1, 275-1, 276-1, 277-1, 278-1, 279-1, 280-1, 281-1, 282-1, 283-1, 284-1, 285-1, 286-1, 287-1, 288-1, 289-1, 290-1, 291-1, 292-1, 293-1, 294-1, 295-1, 296-1, 297-1, 298-1, 299-1, 300-1, 301-1, 302-1, 303-1, 304-1, 305-1, 306-1, 307-1, 308-1, 309-1, 310-1, 311-1, 312-1, 313-1, 314-1, 315-1, 316-1, 317-1, 318-1, 319-1, 320-1, 321-1, 322-1, 323-1, 324-1, 325-1, 326-1, 327-1, 328-1, 329-1, 330-1, 331-1, 332-1, 333-1, 334-1, 335-1, 336-1, 337-1, 338-1, 339-1, 340-1, 341-1, 342-1, 343-1, 344-1, 345-1, 346-1, 347-1, 348-1, 349-1, 350-1, 351-1, 352-1, 353-1, 354-1, 355-1, 356-1, 357-1, 358-1, 359-1, 360-1, 361-1, 362-1, 363-1, 364-1, 365-1, 366-1, 367-1, 368-1, 369-1, 370-1, 371-1, 372-1, 373-1, 374-1, 375-1, 376-1, 377-1, 378-1, 379-1, 380-1, 381-1, 382-1, 383-1, 384-1, 385-1, 386-1, 387-1, 388-1, 389-1, 390-1, 391-1, 392-1, 393-1, 394-1, 395-1, 396-1, 397-1, 398-1, 399-1, 400-1, 401-1, 402-1, 403-1, 404-1, 405-1, 406-1, 407-1, 408-1, 409-1, 410-1, 411-1, 412-1, 413-1, 414-1, 415-1, 416-1, 417-1, 418-1, 419-1, 420-1, 421-1, 422-1, 423-1, 424-1, 425-1, 426-1, 427-1, 428-1, 429-1, 430-1, 431-1, 432-1, 433-1, 434-1, 435-1, 436-1, 437-1, 438-1, 439-1, 440-1, 441-1, 442-1, 443-1, 444-1, 445-1, 446-1, 447-1, 448-1, 449-1, 450-1, 451-1, 452-1, 453-1, 454-1, 455-1, 456-1, 457-1, 458-1, 459-1, 460-1, 461-1, 462-1, 463-1, 464-1, 465-1, 466-1, 467-1, 468-1, 469-1, 470-1, 471-1, 472-1, 473-1, 474-1, 475-1, 476-1, 477-1, 478-1, 479-1, 480-1, 481-1, 482-1, 483-1, 484-1, 485-1, 486-1, 487-1, 488-1, 489-1, 490-1, 491-1, 492-1, 493-1, 494-1, 495-1, 496-1, 497-1, 498-1, 499-1, 500-1, 501-1, 502-1, 503-1, 504-1, 505-1, 506-1, 507-1, 508-1, 509-1, 510-1, 511-1, 512-1, 513-1, 514-1, 515-1, 516-1, 517-1, 518-1, 519-1, 520-1, 521-1, 522-1, 523-1, 524-1, 525-1, 526-1, 527-1, 528-1, 529-1, 530-1, 531-1, 532-1, 533-1, 534-1, 535-1, 536-1, 537-1, 538-1, 539-1, 540-1, 541-1, 542-1, 543-1, 544-1, 545-1, 546-1, 547-1, 548-1, 549-1, 550-1, 551-1, 552-1, 553-1, 554-1, 555-1, 556-1, 557-1, 558-1, 559-1, 560-1, 561-1, 562-1, 563-1, 564-1, 565-1, 566-1, 567-1, 568-1, 569-1, 570-1, 571-1, 572-1, 573-1, 574-1, 575-1, 576-1, 577-1, 578-1, 579-1, 580-1, 581-1, 582-1, 583-1, 584-1, 585-1, 586-1, 587-1, 588-1, 589-1, 590-1, 591-1, 592-1, 593-1, 594-1, 595-1,

333-342 343 344 345 346

[illegible]

TOTALS 26.0 27.1 17.7 4.2 .9

TOTAL NUMBER OF OBSERVATIONS 405

NO. OF OCCURRENCE SPECTRA (WIND DIRECTION) VERSUS WIND SPEED (WIND ONLY) - SUMMARY

STATION: 04 PERIOD OF RECORD: JUL 71 - MAY 72
 MONTH: JAN HOURS: 06-08

WIND SPEED IN KNOTS						TOTAL	MEAN WIND	MEDIAN WIND
20-29	30-39	40-49	50-59	60-69	70-79			
2.7	3.8	4.0						
1.3	2.6	2.0						
2.3	6.7	2.0						
11.9	7.0	5.0						
5.4	5.3	7.0						
1.1	5.1	5.0						
1.0	4.0	2.0						
1.0	2.0	2.0						
1.6	2.7	2.0						
1.0	4.0	3.0						
20.1	7.4	7.0						
25.7	6.0	3.0						

//////////////////// 23.1 //////////////////
 100.0 4.0 5.0

END SUMMARY 045

OPERATING LOCATION: "A"
MCASBTAG, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE: SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: JOHNS AFB, GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	1.2	1.2	1.0	.3		.1				
020-040	1.2	.1	.1							
050-070	1.7	1.0								
(E) 080-100	4.0	4.4	4.0	.0						
110-130	2.9	4.2	2.5	.2						
140-160	1.0	1.0	.1	.2						
(S) 170-190	.6	.2		.1						
200-220	1.7	.3								
230-250	1.0	.6	.1							
(W) 260-280	4.3	2.9	.	.2	.2					
290-310	4.0	3.0	7.1	3.0						
320-340	2.4	3.4	0.2	2.4	.7					
VARIABLE										
CALM	////////////////////////////////////									
TOTALS	26.9	31.1	24.7	0.1	.7	.1				

TOTAL NUMBER OF OBSERVATIONS 225

NOY - OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM DAILY OBSERVATIONS

STATION: PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: JAN HOURS: 09-11

DIRECTION IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
0-17	18-34	35-50	51-67	68-84	85-99			
0.1						4.0	8.2	6.0
						1.5	4.0	4.0
						3.5	4.7	5.0
						12.9	7.5	8.0
						9.6	7.0	7.0
						2.4	6.2	5.0
						1.9	5.6	3.5
						2.0	2.2	2.0
						2.3	2.7	3.0
						3.5	5.7	4.0
						21.2	8.5	9.5
						26.2	9.4	10.0

0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
100.0	5.7	7.0						
OBSERVATIONS	225							

OPERATING LOCATION "AM"
USAFETAC, ASHLVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM ALLIQUID OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: COMBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010		2.2	1.6	1.2	.3	.2					
020-040		1.0	.1	.1							
050-070		1.5	1.7	.5							
(E) 080-100		2.4	4.2	2.4	.2	.1					
110-130		2.6	4.4	2.0	.3						
140-160		1.0	2.4	.7	.1						
(S) 170-190		1.6	1.9	.2							
200-220		2.4	1.0								
230-250		1.7	.5	.2							
(W) 260-280		2.6	3.4	2.4	.5	.2					
290-310		2.4	7.5	7.4	2.9	1.1					
320-340		3.1	5.1	5.0	3.1	.5					
.....											
VARIABLE											
CALC //											
TOTALS		25.2	35.1	23.6	7.4	2.1					
.....											
TOTAL NUMBER OF OBSERVATIONS 443											
.....											

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

STATION: 8A PERIOD OF RECORD: JUN 78 - MAY 81
MONTH: JAN HOURS: 12-14

WIND IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-44	45-49	50-54			
						5.5	7.4	7.0
						1.2	3.3	2.0
						3.5	5.4	5.0
						9.3	7.5	7.0
						9.4	7.4	7.0
						5.1	6.3	6.0
						3.6	4.8	5.0
						3.4	3.9	4.0
						2.7	3.0	4.0
						7.9	7.5	7.0
						21.3	10.1	10.0
						21.2	10.0	10.0
////////////////////						4.5	////////	
						100.0	7.7	6.0

HOURLY OBSERVATIONS 423

OPERATING LOCATION NAME
USAFBRIAC, ASHCVILLE, NC

PERCENTAGE FREQUENCY OF 1000-FEET SURFACE WIND
FROM 4 DIRS - 45, 135, 225, 315

STATION NUMBER: 722070

STATION NAME: DUBINS AFB, GA
LST TO UTC: + 5

DATE
TIME

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
.....											
(N) 350-010		.2	1.4	1.2	.3						
020-040		.7									
050-070		1.5	.3	.3							
(E) 040-100		2.9	3.5	2.2	.5						
110-130		2.5	4.4	1.5	.2						
140-160		1.9	2.4	.7							
(S) 170-190		2.2	1.7	.2							
200-220		1.5	.5	.2							
230-250		1.3	1.5	.9							
(W) 260-280		1.5	2.1	1.7	.5	.1					
290-310		3.4	2.5	5.2	2.6	.9					
320-340		2.2	7.7	2.5	2.4	.3					
.....											
VARIABLE											
CALM		////////////////////////////////////									
TOTALS		23.2	36.4	25.1	6.5	1.0					
		TOTAL NUMBER OF OBSERVATIONS 545									
											

PERIOD OF RECORD: JUN 74 - MAY 85
MONTH: JAN HOURS: 15-17

[illegible]

OBSERVATIONS 335

OPERATING LOCATION "AM"
USAFPTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
F-105 - ONLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	.3	1.2	.9							
020-040	.6	.2								
050-070	1.2	.7	.1							
(C) 080-100	1.3	3.1	2.0	.4	.1					
110-130	3.1	4.1	2.0	.1						
140-160	1.4	1.2	.1							
(S) 170-190	1.1	.5								
200-220	1.5	.5								
230-250	2.4	.3	.1							
(W) 260-280	5.3	1.2	.2	.2						
290-310	5.7	9.5	6.2	1.6	.1					
320-340	1.0	1.5	5.7	1.4						
VARIABLE										
CALM	////////////////////////////////////									
TOTALS	27.2	31.1	17.3	3.6	.2					
TOTAL NUMBER OF OBSERVATIONS 64										

PERIOD OF RECORD: JUN 74 - MAY 90
MONTH: JAN HOURS: 14-20

25-29	30-34	35-39	40-49	50-54	65-69	TOTAL %	MEAN WIND	MEDIAN WIND
.....						2.5	2.0	3.0
.....						.8	3.6	3.0
.....						2.0	3.5	3.5
.....						1.3	2.2	2.0
.....						2.3	6.5	6.0
.....						2.7	4.5	4.5
.....						1.6	3.5	3.0
.....						1.9	3.7	3.0
.....						2.5	2.7	2.0
.....						7.0	4.1	3.0
.....						23.2	7.4	7.0
.....						17.4	8.7	8.0

[illegible]

5. REFERENCES 14

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM MAJORITY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: OBSERVING AREA 34
LST TO UTC: + 5

WIND
DIRECTION

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010		.5	1.2	1.0	.6	.1					
020-040		.3	.1								
050-070		1.5	.5								
(E) 080-100		2.7	4.4	3.1	.7						
110-130		3.1	3.1	1.9	.7						
140-160		1.5	.9	.2							
(S) 170-190		.3	.5								
200-220		.9	.1								
230-250		1.9	.2								
(W) 260-280		5.7	1.5	.7	.1						
290-310		7.7	7.5	4.4	1.5						
320-340		1.2	3.5	7.5	2.2	.3					
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		29.1	25.8	18.4	4.8	.4					

TOTAL NUMBER OF OBSERVATIONS = 1

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

STATION: 34 PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: JAN HOURS: 21-23

SPEED IN KNOTS						TOTAL F	MEAN WIND	MEDIAN WIND
0-24	25-29	30-34	35-39	40-49	50-64			
1						3.4	2.8	2.5
						.5	2.5	2.5
						1.9	3.4	4.0
						11.5	6.2	7.0
						2.3	7.0	6.0
						2.5	4.4	4.0
						1.2	3.3	3.0
						1.0	2.7	2.0
						1.2	2.9	2.5
						3.5	3.5	3.0
						21.2	7.1	6.0
						17.0	10.2	10.0
////////////////////						21.5	////////	////////
						100.0	5.5	6.0
OBSERVATIONS						N 1		

OPERATING LOCATION "A"
 USAFRTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
 LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS					
	1-4	5-9	10-14	15-19	20-24	25-29
(N) 350-010	1.0	1.3	1.0	.3	.1	.0
020-040	.7	.1	.0			
050-070	1.4	1.0	.2			
(E) 080-100	3.3	4.1	2.5	.4	.0	
110-130	2.6	3.6	1.5	.2		
140-160	1.3	1.3	.2	.1		
(S) 170-190	1.1	.2	.1	.0		
200-220	1.5	.4	.2			
230-250	1.5	.6	.2			
(W) 260-280	4.2	2.5	.2	.3	.1	
290-310	5.2	4.2	5.2	1.2	.2	
320-340	2.2	7.3	5.1	2.1	.3	
VARIABLE						
CALM	////////////////////					
TOTALS	26.4	31.0	21.4	8.3	.3	

TOTAL NUMBER OF OBSERVATIONS 5525

NOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 (WIND DIRECTION IS VARYING)

PERIOD: JUL 74 - MAY 75
 MONTH: JAN DATES: ALL

WIND SPEED IN KNOTS					
1-10	11-20	21-30	31-40	41-50	51-60
1-10	11-20	21-30	31-40	41-50	51-60
1-10	11-20	21-30	31-40	41-50	51-60
3.7	2.3	3.0			
4.4	3.5	4.0			
5.1	4.7	4.0			
10.5	7.3	7.0			
4.4	3.0	3.0			
5.0	5.7	6.0			
1.0	4.5	4.0			
1.0	3.0	3.0			
3.0	4.0	3.0			
7.3	7.0	4.0			
1.0	3.0	3.0			
5.0	4.0	1.0			
19.7					
1.0	4.0	7.0			

WIND DIRECTION: 000

THE SECRETARY OF THE ARMY
WASHINGTON, D. C. 20315

•

•

—

• • •

• • •

•

[illegible]

1. 100' TO 150' (400' DEEP) WITH CHILLING AT 200 FEET.

$$x = 1, \quad y = 1, \quad z = 1, \quad u = 1, \quad v = 1, \quad w = 1, \quad \text{TOTAL MEAN INITIAL}$$

	2007	2010	2011
3.1	3.3	3.3	
4.3	4.1	4.0	
7.1	6.2	6.0	
25.0	3.1	3.3	
14.5	7.3	6.0	
3.1	3.3	4.0	
1.3	4.1	4.3	
1.3	4.2	4.0	
3.2	3.3	3.3	
5.7	5.0	4.6	
14.1	3.7	.0	
3.7	3.3	3.3	

```

##### 15.3 #####

```

	100.0	5.7	7.5

ALL 10 115

PERCENTAGE FREQUENCY OF OCCURRENCE, SITES
 1950-1954, 1955-PRESENT

LST TJ UTC: + 6

DATE: 5/26/2014

3-2-2-1

050-070

140-146

231-240 11.1

327-340

22.2 22.2

VACILLANT

CAL :

TOTALS 44.4

22.1 22.2

TOTAL NUMBER OF CASE-VALUERS

100% OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 (APPLY CLASSIFICATION)

100% OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 MONTH: FEB 1975 HOURS: 00-02

0-10	10-20	20-30	30-40	40-50	50-60	TOTAL	MEAN	MEDIAN
11.1	3.0	3.0				11.1	3.0	3.0

11.1 3.0 3.0

11.1 3.0 3.0

11.1 3.0 3.0

44.4 15.0 15.0

.....

////////////////////////////////////// 11.1 //////////////////////////////////////
 100.0 7.7 7.5

100% OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 MONTH: FEB 1975 HOURS: 00-02

OPERATING LOCATION NAME
JSAVETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
FROM EACHLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: JOBBING AREA GA
LST TO UTC: + 5

WIND
DIRECTION

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
.....											
(A) 350-010		.3	.4		.3						
020-040		.3									
050-070		1.7	1.1								
(B) 080-100		4.2	5.0	2.7							
110-130		2.7	1.5	1.1	.4	.4					
140-160		1.3	.4	.4							
(C) 170-190		1.5	.4								
200-220		.3	.3								
230-250		3.1	.4								
(D) 260-280		3.1	1.5	1.1							
290-310		4.1	2.2	3.1	1.5						
320-340		4.2	5.7	5.9	.4						
.....											
WIND TABLE		////////////////////////////////////									
CALM		////////////////////////////////////									
TOTALS		30.7	22.2	15.3	3.1	.4					
		TOTAL NUMBER OF OBSERVATIONS 261									
											

NOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM AIRCRAFT OBSERVATIONS

AREA: 3A PERIOD OF RECORD: JUN 72 - MAY 73
 MONTH: FEB HOURS: 03-05

WINDS 14 KNOTS

20-29	30-39	40-49	50-59	60-69	TOTAL	MEAN WIND	MEDIAN WIND
					1.9	3.6	5.0
					.8	3.0	3.0
					2.7	3.7	3.0
					11.9	6.1	6.0
					6.1	7.6	7.0
					3.1	4.5	3.0
					1.9	3.4	2.0
					1.6	6.6	6.0
					3.3	3.3	2.5
					6.7	5.4	4.0
					17.9	7.0	6.5
					17.2	6.2	6.0

//////////////////////////////////// 23.4 //////////////////////////////////

100.0 5.0 5.0

5 2011045 251

OPERATING LOCATION: WAW
USAFETAC, ASH VILLE, NC

PERCENTAGE FREQUENCY OF 100-HOURLY SURFACED
FROM 100-HOURLY SURFACED

STATION NUMBER: 702270

STATION NAME: DOWNS AREA 24

LST TO UTC: + 5

2 1

4 11 11

WIND SPEED IN KNOTS									
DIRECTION (015-115)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(1) 350-010	1.3	.7	.6	.1					
020-040	1.2		.1	.1					
050-070	2.1	.7							
(2) 080-100	5.4	7.7	2.2	.5	.1				
110-130	2.2	1.6	.2	.1					
140-160	1.1	.7	.4						
(3) 170-190	.7	.2							
200-220	1.3	.2							
230-250	2.2	.4	.1						
(4) 260-280	4.5	2.5	.8	.1					
290-310	5.1	7.4	3.5	.5	.4				
320-340	5.1	3.2	7.2	.2	.4				
VARIABLE									
CALM	////////////////////								
TOTALS	20.5	27.1	17.0	2.3	.4				
TOTAL NUMBER OF OBSERVATIONS 640									

FORM OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 MONTHLY OBSERVATIONS

10-12 PERIOD OF RECORD: JUN 78 - MAY 84
 MONTH: FEB HOURS: 06-08

.....								
SPEED IN KNOTS								
25-29	30-34	35-39	40-49	50-54	55-59	TOTAL	MEAN	MEDIAN
.....								
						2.9	5.8	5.0
						1.4	4.3	2.0
						2.3	3.5	3.0
						16.7	6.7	5.0
						4.9	5.0	5.0
						2.4	5.3	5.5
						.9	3.0	2.5
						2.7	3.7	3.0
						2.5	3.3	3.0
						7.7	4.5	4.0
						17.5	7.2	8.0
						15.3	9.2	10.0
.....								
////////////////////						22.1	////////	
						100.0	5.2	5.0

OBSERVATIONS 140

.....

OPERATING LOCATION NAME
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUBTRACTED
FROM US ONLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DESSINS AFB GA
LST TO UTC: + 5

0-1
4-1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.2	1.4	1.0						
020-040	.3	.1	.4						
050-070	1.4	.7	.2						
(E) 080-100	5.7	5.6	5.2	.5	.2				
110-130	3.4	3.5	1.4	.1					
140-160	.3	1.4	.4	.2					
(S) 170-190	1.4	1.1							
200-220	1.5	1.2	.4						
230-250	1.4	1.1	.2						
(W) 260-280	2.4	1.5	1.5	.1					
290-310	2.5	4.5	5.9	2.0					
320-340	1.4	4.5	2.4	2.1	.1				
VARIABLE									
CALM	////////////////////								
TOTALS	24.4	33.4	25.7	5.1	.3				

TOTAL NUMBER OF OBSERVATIONS 649

INDEX OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM TIDAL OBSERVATIONS

PERIOD OF RECORD: JUN 75 - MAY 76
 MONTH: FEB HOURS: 00-11

SPEED IN KNOTS						TOTAL	MEAN	MEDIAN
25-29	30-34	35-39	40-44	45-49	50-54	%	WIND	WIND
						4.2	7.6	8.0
						1.3	5.6	3.0
						2.7	4.0	4.0
						20.1	7.4	7.0
						8.7	6.2	6.0
						3.4	7.7	7.0
						2.5	4.2	4.0
						4.2	6.2	6.5
						2.7	4.5	4.0
						7.2	6.3	6.0
						15.3	9.0	9.0
						15.9	10.4	10.0
						10.4		
						100.0	6.2	7.0

OBSERVATIONS 641

OPERATING LOCATION NAME
USAF TAC, ASH/VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DREHNS AFB GA
LST TO UTC: + 5

DATE: 11-1-71
MONTH: 11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(A) 350-010	.5	1.2	1.2	.8						
020-040	.3	.2								
050-070	1.2	.5	.2							
(B) 080-100	2.2	7.3	4.0	.1						
110-130	2.3	6.0	2.0	.1	.1					
140-160	2.0	2.0	1.2	.2						
(C) 170-190	1.2	2.1	.2	.1						
200-220	1.3	2.0	.							
230-250	2.0	3.2	.2							
(D) 260-280	1.5	3.6	2.2	.8						
290-310	2.2	5.1	5.2	1.6	.4					
320-340	1.4	4.4	1.0	2.1						
.....										
VARIABLE										
CALM //////////////////////////////////////										
TOTALS	21.7	32.3	23.0	5.2	.2					
TOTAL NUMBER OF OBSERVATIONS										640
.....										

1
2
3

4

.....

2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025, 2025-2026, 2026-2027, 2027-2028, 2028-2029, 2029-2030, 2030-2031, 2031-2032, 2032-2033, 2033-2034, 2034-2035, 2035-2036, 2036-2037, 2037-2038, 2038-2039, 2039-2040, 2040-2041, 2041-2042, 2042-2043, 2043-2044, 2044-2045, 2045-2046, 2046-2047, 2047-2048, 2048-2049, 2049-2050, 2050-2051, 2051-2052, 2052-2053, 2053-2054, 2054-2055, 2055-2056, 2056-2057, 2057-2058, 2058-2059, 2059-2060, 2060-2061, 2061-2062, 2062-2063, 2063-2064, 2064-2065, 2065-2066, 2066-2067, 2067-2068, 2068-2069, 2069-2070, 2070-2071, 2071-2072, 2072-2073, 2073-2074, 2074-2075, 2075-2076, 2076-2077, 2077-2078, 2078-2079, 2079-2080, 2080-2081, 2081-2082, 2082-2083, 2083-2084, 2084-2085, 2085-2086, 2086-2087, 2087-2088, 2088-2089, 2089-2090, 2090-2091, 2091-2092, 2092-2093, 2093-2094, 2094-2095, 2095-2096, 2096-2097, 2097-2098, 2098-2099, 2099-2100, 2100-2101, 2101-2102, 2102-2103, 2103-2104, 2104-2105, 2105-2106, 2106-2107, 2107-2108, 2108-2109, 2109-2110, 2110-2111, 2111-2112, 2112-2113, 2113-2114, 2114-2115, 2115-2116, 2116-2117, 2117-2118, 2118-2119, 2119-2120, 2120-2121, 2121-2122, 2122-2123, 2123-2124, 2124-2125, 2125-2126, 2126-2127, 2127-2128, 2128-2129, 2129-2130, 2130-2131, 2131-2132, 2132-2133, 2133-2134, 2134-2135, 2135-2136, 2136-2137, 2137-2138, 2138-2139, 2139-2140, 2140-2141, 2141-2142, 2142-2143, 2143-2144, 2144-2145, 2145-2146, 2146-2147, 2147-2148, 2148-2149, 2149-2150, 2150-2151, 2151-2152, 2152-2153, 2153-2154, 2154-2155, 2155-2156, 2156-2157, 2157-2158, 2158-2159, 2159-2160, 2160-2161, 2161-2162, 2162-2163, 2163-2164, 2164-2165, 2165-2166, 2166-2167, 2167-2168, 2168-2169, 2169-2170, 2170-2171, 2171-2172, 2172-2173, 2173-2174, 2174-2175, 2175-2176, 2176-2177, 2177-2178, 2178-2179, 2179-2180, 2180-2181, 2181-2182, 2182-2183, 2183-2184, 2184-2185, 2185-2186, 2186-2187, 2187-2188, 2188-2189, 2189-2190, 2190-2191, 2191-2192, 2192-2193, 2193-2194, 2194-2195, 2195-2196, 2196-2197, 2197-2198, 2198-2199, 2199-2200, 2200-2201, 2201-2202, 2202-2203, 2203-2204, 2204-2205, 2205-2206, 2206-2207, 2207-2208, 2208-2209, 2209-2210, 2210-2211, 2211-2212, 2212-2213, 2213-2214, 2214-2215, 2215-2216, 2216-2217, 2217-2218, 2218-2219, 2219-2220, 2220-2221, 2221-2222, 2222-2223, 2223-2224, 2224-2225, 2225-2226, 2226-2227, 2227-2228, 2228-2229, 2229-2230, 2230-2231, 2231-2232, 2232-2233, 2233-2234, 2234-2235, 2235-2236, 2236-2237, 2237-2238, 2238-2239, 2239-2240, 2240-2241, 2241-2242, 2242-2243, 2243-2244, 2244-2245, 2245-2246, 2246-2247, 2247-2248, 2248-2249, 2249-2250, 2250-2251, 2251-2252, 2252-2253, 2253-2254, 2254-2255, 2255-2256, 2256-2257, 2257-2258, 2258-2259, 2259-2260, 2260-2261, 2261-2262, 2262-2263, 2263-2264, 2264-2265, 2265-2266, 2266-2267, 2267-2268, 2268-2269, 2269-2270, 2270-2271, 2271-2272, 2272-2273, 2273-2274, 2274-2275, 2275-2276, 2276-2277, 2277-2278, 2278-2279, 2279-2280, 2280-2281, 2281-2282, 2282-2283, 2283-2284, 2284-2285, 2285-2286, 2286-2287, 2287-2288, 2288-2289, 2289-2290, 2290-2291, 2291-2292, 2292-2293, 2293-2294, 2294-2295, 2295-2296, 2296-2297, 2297-2298, 2298-2299, 2299-2300, 2300-2301, 2301-2302, 2302-2303, 2303-2304, 2304-2305, 2305-2306, 2306-2307, 2307-2308, 2308-2309, 2309-2310, 2310-2311, 2311-2312, 2312-2313, 2313-2314, 2314-2315, 2315-2316, 2316-2317, 2317-2318, 2318-2319, 2319-2320, 2320-2321, 2321-2322, 2322-2323, 2323-2324, 2324-2325, 2325-2326, 2326-2327, 2327-2328, 2328-2329, 2329-2330, 2330-2331, 2331-2332, 2332-2333, 2333-2334, 2334-2335, 2335-2336, 2336-2337, 2337-2338, 2338-2339, 2339-2340, 2340-2341, 2341-2342, 2342-2343, 2343-2344, 2344-2345, 2345-2346, 2346-2347, 2347-2348, 2348-2349, 2349-2350, 2350-2351, 2351-2352, 2352-2353, 2353-2354, 2354-2355, 2355-2356, 2356-2357, 2357-2358, 2358-2359, 2359-2360, 2360-2361, 2361-2362, 2362-2363, 2363-2364, 2364-2365, 2365-2366, 2366-2367, 2367-2368, 2368-2369, 2369-2370, 2370-2371, 2371-2372, 23

.....

.....

139. 7.7 1.5

.....

OPERATING LOCATION "A"
USAFSTAC, ASHTVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
WIND DURING OBSERVATION

STATION NUMBER: 722270 STATION NAME: JOE INS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEEDS IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(4) 350-010	.7	.9	1.4	.1	.1					
020-040	.9	.5	.1							
050-070	2.1	1.1	.4							
(5) 080-100	3.1	5.7	3.1	.7	.2					
110-130	3.4	3.5	1.5							
140-160	2.9	3.2	.9							
(6) 170-190	2.5	2.0	.2							
200-220	1.1	1.5	.5							
230-250	1.7	1.5	1.3	.1						
(4) 260-280	2.2	2.9	2.4	.5						
290-310	1.9	7.5	7.4	2.2	.5					
320-340	1.5	7.1	9.1	1.2	.1					

VARIABLE

CAL

TOTAL

24.9 37.0 28.7 4.5 .2

TOTAL NUMBER OF OBSERVATIONS 149

00014: 15-17 00015: 00073 - 00074
00014: 15-17 00015: 15-17

Year	1984	1985	1986	1987	1988	TOTAL	STANDARD	ADJUSTED
1984	3.3	4.7	9.5					
1985	1.5	4.1	4.1					
1986	3.2	4.3	4.2					
1987	12.7	7.6	7.2					
1988	3.6	4.3	8.2					
1989	7.1	5.	5.2					
1990	4.7	4.7	4.2					
1991	3.3	3.1	3.2					
1992	4.7	3.3	7.2					
1993	3.1	7.2	7.2					
1994	13.4	2.3	10.2					
1995	15.7	3.3	12.2					

```

//////////////////////////////////// 3.2 ///////////////////////////////////
                                     100.0    7.5    5.0

```

DATE: 1945

REPORTING LOCATION NAME
 DEATHING, AKA VILLAGE

PERCENTAGE FREQUENCY OF OCCUPANCY BY DAY
 OF MONTHLY OBSERVATION

STATION NUMBER: 22270

STATION NAME: DOWNSIDE AKA
 EST TO HIC: + 6

OBSERVATION (000000-5)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(1) 350-010	.7	2.0	.1	.2						
020-040	.7	.6	.1		.1					
050-070	2.0	.4	.1							
(2) 100-110	3.2	4.3	2.0	.5	.1					
110-130	3.3	3.2	1.1							
140-160	3.0	2.5								
(3) 170-190	1.2	.5								
200-220	1.3	.5	.1							
230-250	2.0	.6	.1							
(4) 260-280	3.1	3.3	1.1	.7						
290-310	3.3	1.2	.5	.5	.4					
320-340	2.3	5.4	5.5	1.1						

ADDITIONAL

TOTAL

TOTALS

31.2 39.2 15.2 3.4 .0

TOTAL NUMBER OF OBSERVATIONS 849

ANALYSIS OF ACCIDENTS - SUICIDE - WIND DIRECTION VERSUS WIND SPEED - ALL AIRCRAFT - ALL AIRLINES

PERIOD: JANUARY - DECEMBER: JUL 73 - MAY 74
 MONTH: FEB - APRILS: 19-20

WIND SPEED IN KNOTS									
0-10	11-20	21-30	31-40	41-50	51-60	61-70	TOTAL	MEAN	STANDARD
								WIND	DEVIATION
							3.4	7.3	7.0
1							1.4	5.5	4.5
							3.3	5.7	3.0
2							11.2	7.5	7.0
							3.7	5.7	5.0
							5.5	4.9	4.0
							2.7	3.3	4.0
							1.3	5.0	3.5
							3.2	3.1	2.0
							3.1	3.5	5.0
3							12.2	7.5	7.0
							12.1	3.3	1.0
							13.3	13.3	13.3
							102.0	5.5	5.0

PAGE 105 - 49

OPERATING LOCATION: "A"
 HASTART, ASHLVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 FROM 413KLY 413 KVAI100

STATION NUMBER: 722070

STATION NAME: COCKING AREA
 LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (045-090)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(4) 350-010		.9	1.2	.8	.1	.1			
020-040		1.4	.4		.2				
050-070		1.1	.2	.1					
(E) 080-100		3.3	4.2	2.7	.4				
110-130		2.7	2.6	1.4					
140-160		1.3	1.4	.4	.1				
(S) 170-190		1.3	.4	.1					
200-220		1.3	.7	.1					
230-250		.9	.2						
(4) 260-280		3.3	2.4	.7					
290-310		5.4	7.7	2.2	1.5				
320-340		2.4	1.9	1.9	1.2	.7			
.....									
VARIABLE									
CALC //									
TOTALS		29.5	24.3	14.7	4.2	.3			
.....									
TOTAL TIME OF OBSERVATIONS									
.....									

WIND OCCURRENCE SUMMARY, WIND DIRECTION, VERSUS WIND SPEED
 FROM VISUAL OBSERVATION

STATION

PERIOD OF RECORD: JUN 73 - MAY 78

MONTH: FEB HOURS: 21-23

WIND SPEEDS

20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN	MEDIAN
								%	WIND	WIND
								3.2	7.5	7.0
								2.0	5.5	4.0
								2.2	4.3	4.0
								11.5	7.4	5.5
								5.7	5.0	5.0
								3.2	5.2	5.0
								1.5	4.1	4.0
								2.1	4.7	4.0
								1.2	3.1	3.0
								3.5	4.5	4.0
								17.9	6.0	5.0
								15.3	2.0	4.0

//////////////////// 23.5 //////////////////
 100.0 5.2 5.0

WIND DIRECTION

OPERATING LOCATION NAME
USAFETAC, ASHCVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
WIND DIRECTION ONLY (OBSERVATIONS)

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

DIRECTION (OBSERVATIONS)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(1) 350-010	.9	1.3	1.2	.2	.0					
020-040	1.0	.3	.1	.1	.0					
050-070	2.0	.3	.2							
(3) 080-100	4.0	5.2	3.4	.6	.1					
110-130	3.0	3.4	1.4	.1	.0					
140-160	2.0	1.0	.7	.1						
(5) 170-190	1.5	1.1	.1	.0						
200-220	1.4	1.3	.3							
230-250	1.0	1.2	.3	.0						
(4) 260-280	3.3	2.9	1.5	.3						
290-310	4.1	7.4	5.1	1.3	.2					
320-340	2.2	5.4	7.3	1.4	.1					
VARIABLE										
CALC	////////////////////////////////////									
TOTALS	27.2	33.1	21.7	4.3	.4					

TOTAL NUMBER OF OBSERVATIONS 5364

INDEX OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED OF INDIVIDUAL OBSERVATIONS

PERIOD: FEB 1970: JUN 76 - DAY: 30
MONTH: FEB HOURS: ALL

[illegible]

OPERATING LOCATION "A"
USAFSTAG, ASHEVILLE, NC

PER-CENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM ALL PLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
AND/OR

VISIBILITY GE 1/2 MILE (800 METERS) BUT LESS THAN 3 MILES (4

WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

(N) 350-010 .5 .5 .5 .2

020-040 .9 .1

050-070 3.5 1.4 .4

(E) 080-100 4.4 12.9 10.6 2.1 .4

110-130 3.4 4.9 3.0 .3

140-160 1.2 1.0 .5 .2

(S) 170-190 1.0 .8 .2 .1

200-220 1.0 2.0 .2

230-250 1.0 1.1 .1

(W) 260-280 2.2 1.7 .2 .1

290-310 2.7 4.6 3.7 1.4 .5

320-340 .7 2.5 5.9 1.2

VARIABLE

CALM //////////////////////////////////////

TOTALS 25.7 33.5 25.2 5.6 .2

TOTAL NUMBER OF OBSERVATIONS 953

BY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 ALL HIGHLY OBSERVATIONS

PERIOD OF RECORD: JUN 78 - MAY 88
 MONTH: FEB HOURS: ALL

TIME WITH VISIBILITY OF 1/2 MILE (800 METERS).

TIME LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

SPOTS IN KNOTS

25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN	MEDIAN
							3	WIND	WIND
							1.9	7.2	6.6
							1.0	3.4	3.6
							5.4	4.6	4.0
							30.5	8.3	8.0
							12.0	7.1	7.0
							3.0	6.6	5.0
							3.0	4.3	4.0
							4.0	4.7	5.0
							3.1	4.0	4.0
							4.9	5.0	6.0
							13.0	6.2	6.0
							10.3	10.6	11.0

100.0 7.2 7.0

1988 OBSERVATIONS 951

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
.....											
(1) 350-010		.7	.7	.4							
020-040		.7		.4							
050-070		1.1	1.1								
(2) 080-100		4.7	3.4	1.4	.7						
110-130		4.3	2.2		.4						
140-160		1.4	1.4								
(3) 170-190		1.1	.4								
200-220		2.5	.7								
230-250		2.0	.4								
(4) 260-280		4.7	2.9	.4							
290-310		5.1	5.5	5.0							
320-340		1.1	5.5	4.3							
.....											
VARIABLE											
CALM		////////////////////////////////////									
TOTALS		30.9	22.5	12.3	1.1						

TOTAL NUMBER OF OBSERVATIONS 279

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

1000

PERIOD OF RECORD: JUN 78 - MAY 89

MONTH: 4A2 HOURS: 03-05

5250 14 KNOTS

25-29	30-34	35-39	40-44	45-49	50-54	GE 55	TOTAL	MEAN AGE	MEDIAN AGE

1.4 5.2 6.0

1.1 4.7 2.0

2.2 4.3 4.5

12.5 5.5 5.0

5.7 4.5 4.0

2.9 4.3 4.5

1.4 3.5 4.0

3.2 3.4 4.0

2.1 2.4 2.5

7.9 4.5 3.5

17.5 5.7 5.9

12.2 4.1 3.0

27.5 // // // // //

100.0 4.3 5.0

OBSERVATIONS 279

OPERATING LOCATION: "A"
USAFETAG, ACHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM JULY 1962-1963

STATION NUMBER: 722270

STATION NAME: DOBAINS AFB, GA
EST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010		.9	1.0	.1					
020-040		.4	.2						
050-070		2.4	.8	.3					
(E) 080-100		5.5	4.9	2.8	.2	.1			
110-130		2.5	2.7	1.3	.1				
140-160		1.9	2.5	.2	.1				
(S) 170-190		.7	.3						
200-220		2.2	.4						
230-250		2.5	.2						
(4) 260-280		4.7	3.1	.1	.1				
290-310		5.3	7.3	3.9	.4				
320-340		2.2	5.3	4.3	.3	.1			
.....									
VARIABLE									
.....									
CALM		////////////////////////////////////							
TOTALS		22.9	29.8	12.1	1.2	.2			

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: 3A PERIOD OF RECORD: JUL 73 - MAY 75
 MONTH: MAR HOURS: 06-08

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-49	50-54	55-59			
						1.9	5.7	5.5
						.6	3.2	3.0
						3.2	4.2	3.0
						13.5	5.4	5.0
						5.6	6.5	5.0
						4.7	5.4	5.0
						1.1	3.2	4.0
						2.6	3.3	3.0
						2.5	2.1	2.0
						1.2	4.3	4.0
						17.1	6.2	5.0
						12.7	3.2	3.0
////////////////////						24.3	////////	////////
						100.0	4.6	5.0
OBSERVATIONS 930								

OPERATING LOCATION: "A"
USAFIELD, AGUEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
WIND DIRECTION AND SPEED

STATION NUMBER: 727270

STATION NAME: DIXONS AREA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.0	1.0	1.0	.4				
020-040	.4							
050-070	.5	.3		.1				
(E) 080-100	3.5	5.3	3.3	.2	.2			
110-130	4.1	4.3	3.2	.3	.2			
140-160	2.7	3.0	.2	.4				
(S) 170-190	2.4	2.2						
200-220	2.3	2.0	.3					
230-250	1.5	1.5	.1					
(W) 260-280	2.5	3.3	1.3	.4				
290-310	2.6	5.3	3.1	1.2	.4	.1		
320-340	2.5	5.5	3.5	1.1				

VARIABLE

CALC

TOTALS

25.3 32.3 19.5 4.1 .8 .1

TOTAL NUMBER OF OBSERVATIONS 280

RECEIVED IN CHARGE: JUL 78 - MAY 79
MONTHS: MAY PAGES: 00-11

25-29	30-34	35-39	40-44	45-49	50-54	55-59	TRIAL A	MEAN A110	MEDIAN A110
							5.3	3.7	2.0
							5.9	2.4	3.0
							1.0	4.1	4.0
							13.7	7.3	7.0
							12.7	7.4	7.0
							5.2	5.7	5.0
							4.5	4.5	4.0
							5.7	5.2	5.0
							3.4	4.7	4.0
							5.2	5.0	5.0
.1							13.0	3.6	3.0
							12.0	3.7	3.0

//////////////////////////////////////				0.5	//////////////////////////////////////
0.1		100.0	5.7	1.0	

U. S. DEPARTMENT OF THE INTERIOR 113

STUDENTS, 1963, JOURNAL OF POLYMER SCIENCE, PART A-1, VOL. 1, PP. 1-10

• • •

• • •

— — —

• • • •

• • •

///

NAME OF DISSEMINATOR: SUPRAC, KIN, MICHIGAN, M-6500, R170, SP170
 NAME OF DISSEMINATOR: JURY, JIS, JAT11111

DATE: 1975-05-10
 MONTH: MAY
 HOURS: 12-14

.....								
DISSEMINATION KNOTS								
25-29	30-34	35-39	40-49	50-54	55-59	TOTAL	MEAN	MODIAN
							MIN	MAX
.....								
						4.4	5.7	5.0
						1.0	3.1	2.5
						2.3	4.5	3.0
						5.3	7.9	5.0
						11.3	7.0	8.0
						15.0	7.5	7.0
						5.8	6.0	6.0
						5.9	7.0	7.0
						4.5	5.7	5.0
						2.9	7.5	5.5
.1						17.1	5.7	13.0
						15.0	5.0	5.0
.....								
////////////////////////////////////						4.1	////////////////////////////////	
.1						100.0	7.4	7.0
DISSEMINATIONS								
.....								

OPERATING LOCATION NAME
USAFETAG, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: DUBLINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	1.0	1.3	1.3	.2						
020-040	.5	.3								
050-070	1.2	.4	.2							
(E) 080-100	1.3	3.0	2.2	.1	.1					
110-130	1.7	3.4	2.7	.2						
140-160	1.5	3.5	1.4	.1						
(S) 170-190	2.2	2.5	.4	.4						
200-220	2.1	3.4	1.2							
230-250	3.0	3.2	.4							
(4) 260-280	3.2	4.3	2.0	.4						
290-310	2.4	5.5	5.7	2.4	.7					
320-340	1.3	5.9	5.7	1.5	.5					

VARIABLE

CALM

////////////////////////////////////

TOTALS

23.2 39.3 25.5 5.7 1.4

TOTAL NUMBER OF OBSERVATIONS 730

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

NO. 81 PERIOD OF RECORD: JUN 74 - MAY 75
MONTH: MAR HOURS: 15-17

PERIOD IN KNOTS

20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN WIND	MEDIAN WIND
								4.3	7.3	3.0
								.9	3.6	2.5
								1.5	4.3	2.0
								6.7	3.0	3.0
								3.5	7.5	7.0
								6.2	7.2	7.0
								5.7	6.4	5.0
								7.5	6.6	6.0
								6.7	6.2	5.0
								10.9	7.0	6.0
								15.9	6.7	10.0
								17.1	7.6	10.0

//////////////////////////////////// 4.3 //////////////////////////////////
100.0 7.6 3.0

OBSERVATIONS 930

OPERATING LOCATION "A"
USAFOTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: CUBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40	
.....											
(N) 350-010		.0	1.0	.0	.3						
020-040		.5									
050-070		1.0	.5	.4							
(E) 080-100		2.2	2.7	1.7	.3						
110-130		2.5	3.2	1.1	.3	.3					
140-160		2.5	2.9	.5							
(S) 170-190		2.7	1.1	.2							
200-220		1.5	1.0		.1						
230-250		3.2	.9	.3							
(W) 260-280		4.3	1.5	.5	.1						
290-310		5.1	7.3	5.3	.9	.2					
320-340		4.0	9.0	4.3	.4						
.....											
VARIABLE											
CALM		////////////////////////////////////									
TOTALS		32.0	32.1	15.4	2.4	.5					

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: 34 PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: MAR HOURS: 18-20

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-49	50-54	GE 65			
						3.0	7.5	6.0
						.6	3.3	4.0
						2.0	5.4	5.0
						7.5	7.0	6.0
						8.0	7.3	7.0
						5.1	5.4	5.0
						4.0	4.1	3.0
						2.7	4.1	4.0
						4.4	3.9	3.0
						5.3	4.1	4.0
						12.5	7.3	7.0
						17.7	7.3	7.0
						17.5		
						100.0	5.3	6.0

REMARKS: 930

OPERATING LOCATION: "A"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

21

420

.....										
		WIND SPEED IN KNOTS								
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(DEGREES)										
.....										
(N)	350-010	1.2	1.2	.5						
	020-040	1.0	.2							
	050-070	1.5	.6	.1	.1					
(S)	080-100	5.1	3.0	1.6	.3					
	110-130	3.2	4.0	.4	.4	.2				
	140-160	1.8	1.5	.9	.1					
(S)	170-190	1.5	1.0		.1					
	200-220	2.3	.3	.1	.1					
	230-250	3.2	.1		.1					
(W)	260-280	4.5	1.3	.2						
	290-310	7.3	7.2	2.3	.3					
	320-340	2.9	4.9	4.4	.5	.1				
.....										
VARIABLE										
CALM //////////////////////////////////////										
TOTALS										
		33.9	25.3	10.5	2.0	.3				
.....										
TOTAL NUMBER OF OBSERVATIONS										930
.....										

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

1 - 24 PERIOD OF RECORD: JUN 78 - MAY 83
 MONTH: MAR HOURS: 21-23

WIND IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	Median WIND
						3.1	5.1	5.0
						1.2	3.1	4.0
						2.5	4.7	3.0
						8.1	5.5	5.0
						3.3	5.2	5.0
						4.0	5.4	5.0
						2.7	4.2	4.0
						2.8	4.0	3.0
						3.4	2.3	2.0
						5.7	3.3	4.0
						17.7	5.9	5.0
						12.9	5.0	5.0

//////////////////// 25.7 //////////////////
 100.0 4.2 5.0

OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.1	1.4	1.0	.2				
020-040	.5	.2	.3					
050-070	1.4	.3	.2	.0				
(E) 080-100	3.1	3.3	2.2	.3	.1			
110-130	3.0	3.0	1.7	.3	.2			
140-160	2.1	3.0	1.0	.2				
(S) 170-190	1.3	1.5	.3	.1				
200-220	2.2	1.5	.4	.0				
230-250	2.5	1.4	.2	.0				
(W) 260-280	3.7	3.2	1.2	.4				
290-310	4.5	5.7	4.7	1.2	.5	.0		
320-340	2.7	5.5	5.2	.8	.2			
VARIABLE								
CALM	////////////////////							
TOTALS	22.2	33.9	19.1	3.5	.3			

TOTAL NUMBER OF OBSERVATIONS 1560

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

1956-64 PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: MAR HOURS: ALL

SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
25-29	30-34	35-39	40-49	50-64	65-69	70-74			
3.6	7.3	7.0							
1.9	3.3	3.0							
2.3	4.6	3.6							
9.8	7.0	7.0							
9.1	6.9	6.0							
6.2	6.4	6.0							
3.2	6.2	5.0							
4.5	6.2	6.0							
4.2	4.3	4.0							
3.4	5.2	5.0							
17.5	7.4	7.0							
15.3	5.5	6.0							
15.0									
100.6							5.6	6.0	

OBSERVATIONS 5369

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
FROM 4000 FT. TO 5000 FT.

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
AND/OR
VISIBILITY GE 1/2 MILE (900 METERS) BUT LESS THAN 3 MILES (4.8 KM)

	WIND SPEED IN KNOTS									
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
(N) 350-010	.9	.7								
020-040	.8	.5								
050-070	3.3	2.4	1.3	.3						
(E) 080-100	5.7	11.1	5.4	.9						
110-130	4.2	7.7	3.0	1.2	.4					
140-160	3.1	5.4	.7	.4						
(S) 170-190	2.0	2.2	.5							
200-220	1.3	1.3	.1							
230-250	2.5	.7								
(W) 260-280	1.9	1.9	.7	.4						
290-310	2.5	3.1	2.7	1.3	.4					
320-340	1.5	3.1	1.1	.5	.4					

VARIABLE

CALM

TOTALS

30.1 40.5 15.4 5.0 1.1

TOTAL NUMBER OF OBSERVATIONS 742

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

STATION: 34 MONTH: MAR PERIOD OF RECORD: JUN 75 - MAY 83 HOURS: ALL

.....
FEET WITH VISIBILITY OF 1/2 MILE (800 METERS).

TO FEET LESS THAN 3 MILES (4800 METERS) WITH CHILING OF 200 FEET.

.....
SPEED IN KNOTS

14	20-29	30-34	35-39	40-49	50-54	55-59	TOTAL	MEAN	MEDIAN
							1	WIND	WIND

							1.5	4.3	4.6

							1.5	4.9	4.5

							7.3	6.2	5.0

							23.6	7.5	7.0

							16.4	7.9	7.0

							9.7	6.3	6.0

							4.4	5.0	5.0

							3.8	4.3	4.0

							3.2	3.5	3.0

							4.7	5.3	5.5

							10.1	9.2	3.0

							6.7	6.5	7.0

.....
//////////////////// 7.7 //////////////////

							100.0	5.5	5.0

.....
OBSERVATIONS 742

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFALL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA

LST TO UTC: + 5

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.5	.3	.3						
020-040	.3								
050-070	2.2	.5							
(E) 080-100	3.1	2.2	.5						
110-130	1.4	3.1	.3						
140-160	1.7	.3	.3						
(S) 170-190	.3		.3						
200-220	2.5	1.4	.3						
230-250	1.4	1.4							
(W) 260-280	11.5	4.5	.3						
290-310	10.1	7.0	1.1	.5					
320-340	.3	4.2	1.4	.5					

VARIABLE

CALM

TOTALS

36.4 25.0 5.2 1.2

TOTAL NUMBER OF OBSERVATIONS 356

NOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED - HOURLY OBSERVATIONS

APR 64 PERIOD OF RECORD: JUL 73 - MAY 84
 MONTH: APR HOURS: 03-05

00-10 KNOTS						TOTAL	MEAN WIND	MEDIAN WIND
00-04	05-09	10-14	15-19	20-24	25-29			
.....						1.1	5.5	4.5
						.3	1.0	1.0
						2.4	3.2	3.0
						5.9	4.5	4.0
						6.5	5.4	5.0
						2.2	4.0	3.0
						1.1	5.5	4.0
						4.5	4.2	3.0
						2.1	4.2	3.0
						15.3	3.0	3.0
						13.1	5.2	4.0
						7.1	5.2	3.0
.....								
////////////////////////////////////						32.3	////////////////////////////////	
						100.0	3.4	3.0

NOVATIONS 356

.....

OPERATING LOCATION "A"
 ISAFIAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SPREAD
 FROM JULY 1951 TO 1952

STATION NUMBER: 722270

STATION NAME: LOANS AFB GA
 EST TO HIC: + 5

.....									
DIRECTION									
(DEGREES)									
.....									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.2	1.0	.2						
020-040	.2	.1							
050-070	2.1	.9	.1						
(E) 080-100	3.2	4.2	1.1						
110-130	2.2	3.4	.2						
140-160	1.6	1.7	.2						
(S) 170-190	2.1	.2	.1						
200-220	1.4	1.1							
230-250	3.1	1.2	.1						
(W) 260-280	2.4	3.5	.3						
290-310	3.4	7.2	2.1	.2	.1				
320-340	1.3	4.3	2.2		.4				
.....									
VAR-IA-LE									
CALC	////////////////////////////////////								
TOTALS	37.	33.1	7.1	.2	.2				
.....									
TOTAL NUMBER OF OBSERVATIONS: 100									
.....									

NOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM JULY 1951 UNTIL 1953

STATION: 34 PERIOD OF RECORD: JUN 7 - MAY 12
 MONTH: APR DATES: 05-13

WIND IN KNOTS

01-04	05-08	09-12	13-16	17-20	21-24	TOTAL	WIND	WIND
							WIND	WIND
						2.2	5.0	5.0
						1.0	2.0	2.0
						2.1	4.1	4.1
						4.0	6.3	6.3
						7.1	6.1	6.2
						3.0	5.7	5.7
						3.1	4.0	3.0
						2.0	4.2	4.2
						0.	3.0	3.0
						10.0	4.0	4.0
						13.	5.4	5.4
						5.1	5.2	5.2
////////////////////////////////////							20.0	////////////////////////////////////
							100.0	5.0 .0

WIND IN KNOTS

OPERATING LOCATION: WAM
USAFPTAC, APO WILLOW, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF EACH
FROM HIGHLY PROBABLE

STATION NUMBER: 722370

STATION NAME: D-15 LBS APO 34
LST TO UTC: + 5

WIND SPEED: 14 KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(4) 350-010	1.1	2.7	1.2	.1					
020-040	.2	.6							
050-070	1.3	.4	.3						
(2) 080-100	4.2	4.4	2.						
110-140	2.2	5.1	1.7						
140-170	2.4	3.3	1.1	.1					
(5) 170-190	2.1	1.5	.1						
200-220	2.2	2.4	.1						
230-250	1.	1.9	.						
(4) 260-280	3.2	4.5	1.7	.1					
290-310	4.5	7.7	5.7	.9	.1				
320-340	1.2	4.1	3.2	.	.1				
VARIABLE									
CALM	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////
TOTALS	25.2	41.3	22.3	2.0	.4				

TOTAL NUMBER OF OBSERVATIONS: 200

INDEX OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 AS TO HOURLY OBSERVATIONS

PERIOD OF RECORD: JAN 71 - MAY 81
 MONTH: APR PERIOD: 00-11

WIND DIRECTION						TOTAL	SEAS	WINDS
01-10	11-20	21-30	31-40	41-50	51-60			
						6.1	7.4	7.0
						1.4	4.3	4.0
						2.1	5.3	4.6
						12.0	6.2	6.0
						9.0	6.6	6.6
						7.0	6.0	6.0
						3.0	4.5	4.0
						6.7	6.5	6.0
						7.4	6.3	6.0
						9.6	6.3	6.0
						13.2	6.6	6.0
						14.0	6.0	6.0
////////////////////						6.2	////////////////	
						100.0	6.0	6.0

STATION: 000

OPERATING LOCATION: WAW
USAFATAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
FROM DIRECTION 1-34

STATION NUMBER: 722270

STATION NAME: DORRINS AR 10A

EST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(4) 350-010		.3	1.1	.8					
020-040		.3	.3	.1					
050-070		.7	.4	.3					
(5) 080-100		2.1	3.9	1.9					
110-130		3.6	4.1	2.9					
140-160		1.9	3.9	1.8					
(5) 170-190		1.9	3.9	.8					
200-220		2.9	2.9	1.2					
230-250		2.4	2.9	1.9					
(4) 260-280		2.9	5.3	3.9	.7	.1	.1		
290-310		2.5	7.1	5.9	1.9	.4	.1		
320-340		2.4	4.4	5.9	1.7	.1			

VARIABLE

CALC

TOTALS

2.1 3.4 2.1 4.0 .9 .2

TOTAL BASED ON OBSERVATIONS 300

LOG OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM ONLY OBSERVATIONS

PERIOD OF RECORD: JUN 74 - MAY 81
MONTH: APR HOURS: 12-14

WINDS IN KNOTS

00-09	10-19	20-29	30-39	40-49	50-59	60-69	TOTAL	MEAN WIND	MEDIAN WIND
							2.7	7.4	7.0
							1.2	4.5	3.0
							1.4	5.5	5.0
							7.2	5.5	5.0
							10.6	5.5	5.0
							7.0	5.5	5.0
							5.1	5.2	5.0
							5.1	5.5	5.0
							5.4	5.1	5.0
.1							12.4	5.1	5.0
.1							10.5	5.4	10.0
							15.1	5.5	10.0

//////////////////// 2.3 //////////////////////
.1 105.0 7.5 .0

OBSERVATIONS 100

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUBJECT
FROM 4 JULY 1957 TO 11 JULY 1957

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

		WIND SPEED 14 KNOTS									
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(DEGREES)											
(N) 350-010		.7	1.1	.3	.2						
020-040		.4	.4								
050-070		2.1	.9	.1							
(E) 080-100		2.1	2.9	1.0							
110-130		1.7	4.0	1.5							
140-160		2.2	4.7	1.9							
(S) 170-190		2.4	3.4	.7							
200-220		1.3	3.2	.7							
230-250		2.7	2.2	.9							
(W) 260-280		2.0	5.7	3.5	.7	.1					
290-310		2.5	7.6	4.3	1.9	.6					
320-340		1.2	4.9	5.9	2.0						
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		22.2	41.0	26.5	4.3	.7					

TOTAL NUMBER OF OBSERVATIONS 100

NOY 78 OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM DAILY OBSERVATIONS

AREA: GA PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 15-17

SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-49	50-64	65-69	70-79			
2.8	7.7	7.0							
	4.5	4.5							
3.1	4.3	4.0							
5.0	5.1	5.0							
7.2	5.9	7.0							
8.8	5.5	5.0							
6.7	5.3	5.0							
8.3	5.0	5.0							
5.8	5.0	5.0							
13.2	6.0	7.0							
21.5	5.8	13.0							
14.0	10.2	10.0							
////////////////////////////////////							4.0	////////////////////////////////	
							100.0	7.5	7.5

DEVIATIONS 0.0

OPERATING LOCATION "AA"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE CORRELATION
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(4) 350-010		.7	.3	.0							
020-040		.3	.1								
050-070		1.2	.2	.1							
(5) 080-100		1.7	2.2	1.2							
110-130		2.7	4.1	1.1	.1						
140-160		3.4	3.2	.9	.1						
(5) 170-190		3.5	1.5	.1							
200-220		3.3	1.5	.1							
230-250		4.0	.6	.1							
(4) 260-280		5.4	2.7	.4							
290-310		5.1	5.2	4.5	.9				.1		
320-340		2.5	7.0	4.2	.7						
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		35.2	33.2	14.4	1.5				.1		
.....											
TOTAL NUMBER OF OBSERVATIONS 200											
.....											

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

STATION: 3A PERIOD OF RECORD: JUN 75 - MAY 80
MONTH: APR HOURS: 18-20

SPEED IN KNOTS

20-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
						2.3	7.0	6.0
						.4	4.5	4.0
						1.5	3.2	4.0
						5.1	6.5	6.0
						3.0	6.2	6.0
						7.7	6.4	6.0
						5.4	3.5	3.0
						5.0	4.2	4.0
						4.4	2.9	2.0
						10.0	4.4	4.0
.1						20.8	7.1	6.0
						14.4	7.9	6.0

//////////////////// 14.3 //////////////////
.1 100.0 6.1 6.0

NO. OF OBSERVATIONS 1000

OPERATING LOCATION NAME
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 330-010		.9	1.5	.9							
020-040			.4								
050-070		.4	.1								
(E) 080-100		2.7	2.9	.7	.1						
110-130		3.5	3.3	.4	.1						
140-160		2.4	2.0	.9	.1						
(S) 170-190		2.0	.3	.3							
200-220		2.0	1.5								
230-250		3.0	.9								
(W) 260-280		7.0	1.5	.9							
290-310		1.9	2.3	.7	.1						
320-340		2.1	4.5	2.3	.1						
.....											
VARIABLE											
CALC //											
TOTALS		35.1	17.4	5.7	.9						

TOTAL NUMBER OF OBSERVATIONS 767

17. OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 18. HOURLY OBSERVATIONS

19. 54 PERIOD OF RECORD: JUN 70 - MAY 71
 MONTH: APR HOURS: 21-23

WIND IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
20-29	30-34	35-39	40-49	50-54	65-69			
.....						3.0	6.3	6.0
.....						.4	6.0	5.0
.....						.9	2.0	2.0
.....						5.4	5.6	5.0
.....						7.3	5.5	5.0
.....						5.5	5.4	5.0
.....						3.0	4.3	4.0
.....						4.4	3.4	2.5
.....						3.5	2.5	2.0
.....						3.5	3.2	3.0
.....						15.0	5.2	5.0
.....						5.9	7.4	6.0

//////////////////////////////////// 30.0 //////////////////////////////////
 100.0 3.5 4.0

21. OBSERVATIONS 767

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SA AND
FROM AIRCRAFT OBSERVATION

STATION NUMBER: 722270

STATION NAME: DEWING AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(PERCENTS)									
(N)	350-010	.1	1.3	.7	.1				
	020-040	.6	.3	.3					
	050-070	1.4	.5	.2					
(E)	080-100	2.2	3.3	1.4	.0				
	110-130	2.6	4.0	1.4	.0				
	140-160	2.3	3.0	1.0	.1				
(S)	170-190	2.3	1.3	.4					
	200-220	2.4	2.0	.7					
	230-250	2.2	1.6	.5					
(W)	260-280	3.5	4.0	1.7	.1	.3	.2		
	290-310	5.6	7.2	3.0	.3	.0	.7	.1	
	320-340	1.5	5.2	4.4	.2	.1			
TOTALS		31.1	34.3	17.1	2.2	.3			

TOTAL NUMBER OF OBSERVATIONS 5613

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

STATION: 40000 PERIOD OF RECORD: JUN 73 - MAY 74
 MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
0-9	10-19	20-29	30-39	40-49	50-59	60-69			
.....							1	WIND	1.0
.....							2.9	6.9	6.0
.....							1.7	4.1	4.0
.....							2.1	6.2	6.0
.....							7.6	6.0	6.0
.....							1.0	5.3	5.0
.....							5.6	6.0	6.0
.....							4.4	4.5	4.0
.....							4.9	5.1	5.0
.....							4.5	4.5	4.0
.....							11.5	5.7	5.0
.....							12.4	7.5	7.0
.....							12.4	7.7	7.0
.....									
.....							14.6		
.....							100.0	5.6	5.0

TOTAL WINDS: 5613

OPERATING LOCATION: WAW
ISAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM 4-JULY 1983 TO 11-1

STATION NUMBER: 722073

STATION NAME: JOHNS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 BUT LESS THAN 1600 FEET WITH VISIBILITY
OF 1/2 MILE (900 METERS) BUT LESS THAN 3 MILE (4800 METERS)
WIND SPEED 7 TO 24 KNOTS

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(W) 350-010	.3	1.3	.3						
020-040	.3	.2							
050-070	3.4	1.4	.6						
(N) 080-100	6.6	13.3	4.1	.2					
110-130	6.6	13.3	4.2	.4					
140-160	4.7	4.7	.3	.2					
(S) 170-190	6.0	.	.3						
200-220	1.3	2.2	.4						
230-250	1.4	.4							
(E) 260-280	2.0	2.0	.3		.2				
290-310	.	4.7	1.7					.2	
320-340		.3	1.4						

TABLE

CALC

TOTALS

27.1 43.2 19.7 .3 .2 .2

TOTAL NUMBER OF OBSERVATIONS 104

DATE: MAY 07 1968
TIME: 10:00 AM

1) WATER TREATMENT PLANT (4-10-1987-8) WITH CHLORINE 37.29% FEEL.

[illegible]

λ	$\hat{M}(\lambda)$	$\hat{M}(\lambda)$
0.0	6.7	4.0
2.0	6.7	4.0
4.0	6.7	4.0
6.0	7.2	7.0
10.0	7.4	7.0
20.0	7.4	7.1
40.0	7.4	7.1
60.0	7.1	7.1
100.0	7.0	7.1
200.0	6.7	6.0
400.0	6.5	5.0
600.0	6.7	5.0

////////////////////////////////////// .A //

1. 2. 3.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973).

OPERATING LOCATION NAME
USAR, TAC, ABT-VILL: NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
OF THE ONLY OF THE

STATION NUMBER: 722270

STATION NAME: JEBINS 19- GA
LST TO ETC: + 5

.....

SECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39
(185777S)

.....

(N) 350-010

020-040

050-070

(I) 100-110

110-130

140-160

(S) 170-180

200-220 32.3

230-250

(4) 260-270

270-310

320-340

.....

VAR-1A-9L

240-250 //////////////////////////////////////

TOTAL 32.3

TOTAL NUMBER OF OBSERVATIONS 2

.....

NO. OF OCCURRENCE DURING WIND DIRECTION VERSUS WIND SPEED
 FROM 0000 TO 0500 HOURS

DATE: 04-04-68 PERIOD OF RECORD: JUN 7 - MAY 18
 MONTH: MAY DURS: 00-02

.....
 WIND DIRECTION
 00-04 04-08 08-12 12-16 16-20 20-24 24-28 28-32 32-36 36-40 40-44 44-48 48-52 52-56 56-60 60-64 64-68 68-72 72-76 76-80 80-84 84-88 88-92 92-96 96-00
 TOTAL MEAN MEDIAN
 WIND WIND WIND

 5.0

33.3 1.0 1.0

.....
 ////////////////////////////////////// 55.0 //////////////////////////////////////
 100.0 1.0 1.0

.....
 OBSERVATIONS 3

OPERATING LOCATION: WAM
USARFIAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1965 TO 1966

STATION NUMBER: 722270

STATION NAME: COCKINS AFB GA
LST TIME: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010		1.2	.3						
020-040		.3							
050-070		3.1	.3						
(E) 080-100		4.2	1.4	.6					
110-130		2.5	1.4	.2					
140-160		1.7	1.0						
(S) 170-190		2.2							
200-220		2.2	.2						
230-250		2.1	.2						
(W) 260-280		1.1	1.3						
290-310		7.1	4.3	.2					
320-340		1.4	2.7	.2					
.....									
VARIABLE									
.....									
TOTAL		////////////////////							
TOTALS		36.1	13.5	1.1					
.....									
TOTAL WIND SPEED									
.....									

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

12-47-64

PERIOD OF RECORD: JUN 70 - MAY 64
MONTH: MAY HOURS: 03-06

WIND SPEED IN KNOTS

0-4	5-14	15-24	25-34	35-44	45-54	55-64	TOTAL	MEAN WIND	MEDIAN WIND
							1.5	3.3	4.0
							.3	1.0	1.0
							3.7	2.5	2.0
							5.0	3.0	2.0
							4.1	4.2	3.5
							2.7	4.4	4.0
							2.2	2.5	2.0
							2.7	3.2	3.0
							2.7	1.5	2.5
							3.2	3.3	3.0
							12.2	4.2	4.0
							4.0	6.3	5.0

//////////////////////////////////// 47.0 //////////////////////////////////

100.0 2.0 3.0

END OF TABLE

OPERATING LOCATION "A"
USAFETAC, ACHEVILLE NC

PERCENTAGE FREQUENCY OF OCCUR- ENCE SURFACE
FROM WINDY LOG KATIE 115

STATION NUMBER: 722270

STATION NAME: DEBRIS ARE GA
LOT TO UID: + 5

		WIND SPEED IN KNOTS							
DIRECTION (015°-180°)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(4) 350-010		.5	.4	.2					
020-040		1.1							
050-070		1.3	.3						
(5) 080-100		7.5	4.1	.3					
110-130		4.2	5.1	.1					
140-160		2.0	1.1						
(5) 170-190		2.7	.6						
200-220		2.2	.5						
230-250		2.1	.3						
(4) 260-280		5.7	3.7	.1					
290-310		5.7	4.4	.2					
320-340		2.4	3.2	.4					
VARIABLE									
CALM		////////////////////							
TOTALS		33.3	22.5	2.2					
		TOTAL NUMBER OF OBSERVATIONS 115							

BY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM DAILY OBSERVATIONS

STATION: MONTH: MAY PERIOD OF RECORD: JUN 74 - MAY 84
 HOURS: 06-01

WIND IN KNOTS

10-19	20-34	35-39	40-49	50-64	65-69	TOTAL	MEAN	MEDIAN
						N	WIND	WIND
						1.3	5.2	5.0
						1.1	2.3	2.0
						2.7	3.4	3.0
						12.3	4.3	4.0
						7.4	4.4	4.0
						5.1	3.7	4.0
						3.3	3.5	4.0
						2.7	3.2	3.0
						2.5	3.3	3.0
						4.5	4.2	4.0
						11.2	4.9	4.0
						4.5	4.5	4.0

//////////////////// 50.4 //////////////////

112.3 2.3 4.0

WINDS 210

OPERATING LOCATION "A"
USAFETAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF EACH
OF THE FOURLY OBSERVED

STAT 174 NUMBER: 722270

STATION NAME: DDT INS 1-1-64
LST TO QTC: + 5

		WIND SPEEDS IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(4)	350-010	1.5	1.3	.4	.2				
	020-040	1.4	.9						
	050-070	2.2	.7	.2					
(5)	080-110	3.4	5.2	1.4					
	110-140	5.1	5.9	1.2	.1				
	140-160	3.1	2.4						
(5)	170-190	5.5	2.9	.2					
	200-220	5.5	2.4	.2					
	230-250	3.3	1.5	.1					
(4)	260-280	5.5	3.4	1.2					
	290-310	4.5	5.2	2.5	.3				
	320-340	2.7	3.0	2.5	.1				
ADDITIONAL									
CALC		////////////////////////////////////							
TOTALS		43.2	35.4	10.2	.7				
TOTAL NUMBER OF OBSERVATIONS 260									

NO. OF OCCURRENCE STRAIGHT WIND DIRECTION VERSUS WIND SPEED
 1400 HOURS TO 1500 HOURS

PERIOD OF RECORD: JUN 72 - MAY 73
 MONTH: MAY HOURS: 00-11

WIND SPEED IN KNOTS						TOTAL %	MEAN KNOTS	MEDIAN KNOTS
20-24	25-29	30-34	35-39	40-44	45-49			
						3.4	5.3	5.0
						2.3	3.7	3.0
						2.1	4.0	4.0
						10.2	5.3	5.0
						12.3	5.7	6.0
						5.4	4.3	4.0
						3.6	4.1	4.0
						3.1	4.0	3.0
						4.2	4.3	4.0
						10.6	4.6	4.0
						13.7	5.3	5.0
						6.8	5.3	7.0
////////////////////						100.0	4.9	5.0
VARIATIONS								

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM 1 JULY 1951 UNTIL

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

TOTAL NUMBER OF INVESTATIONS: 130

NOYAL OCCURRENCE SURFACE WIND DIRECTION, VERSUS WIND SPEED FOR JULY PRECIPITATIONS

— 154 —

DAY: 15 MONTH: MAY HOURS: 13-14

SECRET

31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	70-72	73-75	76-78	79-81	82-84	85-87	88-90	91-93	94-96	97-99	100-102	103-105	106-108	109-111	112-114	115-117	118-120	121-123	124-126	127-129	130-132	133-135	136-138	139-141	142-144	145-147	148-150	151-153	154-156	157-159	160-162	163-165	166-168	169-171	172-174	175-177	178-180	181-183	184-186	187-189	190-192	193-195	196-198	199-201	202-204	205-207	208-210	211-213	214-216	217-219	220-222	223-225	226-228	229-231	232-234	235-237	238-240	241-243	244-246	247-249	250-252	253-255	256-258	259-261	262-264	265-267	268-270	271-273	274-276	277-279	280-282	283-285	286-288	289-291	292-294	295-297	298-300	301-303	304-306	307-309	310-312	313-315	316-318	319-321	322-324	325-327	328-330	331-333	334-336	337-339	340-342	343-345	346-348	349-351	352-354	355-357	358-360	361-363	364-366	367-369	370-372	373-375	376-378	379-381	382-384	385-387	388-390	391-393	394-396	397-399	400-402	403-405	406-408	409-411	412-414	415-417	418-420	421-423	424-426	427-429	430-432	433-435	436-438	439-441	442-444	445-447	448-450	451-453	454-456	457-459	460-462	463-465	466-468	469-471	472-474	475-477	478-480	481-483	484-486	487-489	490-492	493-495	496-498	499-501	502-504	505-507	508-510	511-513	514-516	517-519	520-522	523-525	526-528	529-531	532-534	535-537	538-540	541-543	544-546	547-549	550-552	553-555	556-558	559-561	562-564	565-567	568-570	571-573	574-576	577-579	580-582	583-585	586-588	589-591	592-594	595-597	598-600	601-603	604-606	607-609	610-612	613-615	616-618	619-621	622-624	625-627	628-630	631-633	634-636	637-639	640-642	643-645	646-648	649-651	652-654	655-657	658-660	661-663	664-666	667-669	670-672	673-675	676-678	679-681	682-684	685-687	688-690	691-693	694-696	697-699	700-702	703-705	706-708	709-711	712-714	715-717	718-720	721-723	724-726	727-729	730-732	733-735	736-738	739-741	742-744	745-747	748-750	751-753	754-756	757-759	760-762	763-765	766-768	769-771	772-774	775-777	778-780	781-783	784-786	787-789	790-792	793-795	796-798	799-801	802-804	805-807	808-810	811-813	814-816	817-819	820-822	823-825	826-828	829-831	832-834	835-837	838-840	841-843	844-846	847-849	850-852	853-855	856-858	859-861	862-864	865-867	868-870	871-873	874-876	877-879	880-882	883-885	886-888	889-891	892-894	895-897	898-900	901-903	904-906	907-909	910-912	913-915	916-918	919-921	922-924	925-927	928-930	931-933	934-936	937-939	940-942	943-945	946-948	949-951	952-954	955-957	958-960	961-963	964-966	967-969	970-972	973-975	976-978	979-981	982-984

[illegible]

100-441145-100

PERCENTAGE FREQUENCY OF OCCURRENCE OF THE
OF THE FOLLOWING ARE GIVEN:

STATION NAME: JBR INO AFD VA
LST TO UTC: + 8

VELOCITY	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154	155-159	160-164	165-169	170-174	175-179	180-184	185-189	190-194	195-199	200-204	205-209	210-214	215-219	220-224	225-229	230-234	235-239	240-244	245-249	250-254	255-259	260-264	265-269	270-274	275-279	280-284	285-289	290-294	295-299	300-304	305-309	310-314	315-319	320-324	325-329	330-334	335-339	340-344	345-349	350-354	355-359	360-364	365-369	370-374	375-379	380-384	385-389	390-394	395-399	400-404	405-409	410-414	415-419	420-424	425-429	430-434	435-439	440-444	445-449	450-454	455-459	460-464	465-469	470-474	475-479	480-484	485-489	490-494	495-499	500-504	505-509	510-514	515-519	520-524	525-529	530-534	535-539	540-544	545-549	550-554	555-559	560-564	565-569	570-574	575-579	580-584	585-589	590-594	595-599	600-604	605-609	610-614	615-619	620-624	625-629	630-634	635-639	640-644	645-649	650-654	655-659	660-664	665-669	670-674	675-679	680-684	685-689	690-694	695-699	700-704	705-709	710-714	715-719	720-724	725-729	730-734	735-739	740-744	745-749	750-754	755-759	760-764	765-769	770-774	775-779	780-784	785-789	790-794	795-799	800-804	805-809	810-814	815-819	820-824	825-829	830-834	835-839	840-844	845-849	850-854	855-859	860-864	865-869	870-874	875-879	880-884	885-889	890-894	895-899	900-904	905-909	910-914	915-919	920-924	925-929	930-934	935-939	940-944	945-949	950-954	955-959	960-964	965-969	970-974	975-979	980-984	985-989	990-994	995-999	1000-1004	1005-1009	1010-1014	1015-1019	1020-1024	1025-1029	1030-1034	1035-1039	1040-1044	1045-1049	1050-1054	1055-1059	1060-1064	1065-1069	1070-1074	1075-1079	1080-1084	1085-1089	1090-1094	1095-1099	1100-1104	1105-1109	1110-1114	1115-1119	1120-1124	1125-1129	1130-1134	1135-1139	1140-1144	1145-1149	1150-1154	1155-1159	1160-1164	1165-1169	1170-1174	1175-1179	1180-1184	1185-1189	1190-1194	1195-1199	1200-1204	1205-1209	1210-1214	1215-1219	1220-1224	1225-1229	1230-1234	1235-1239	1240-1244	1245-1249	1250-1254	1255-1259	1260-1264	1265-1269	1270-1274	1275-1279	1280-1284	1285-1289	1290-1294	1295-1299	1300-1304	1305-1309	1310-1314	1315-1319	1320-1324	1325-1329	1330-1334	1335-1339	1340-1344	1345-1349	1350-1354	1355-1359	1360-1364	1365-1369	1370-1374	1375-1379	1380-1384	1385-1389	1390-1394	1395-1399	1400-1404	1405-1409	1410-1414	1415-1419	1420-1424	1425-1429	1430-1434	1435-1439	1440-1444	1445-1449	1450-1454	1455-1459	1460-1464	1465-1469	1470-1474	1475-1479	1480-1484	1485-1489	1490-1494	1495-1499	1500-1504	150

CAST

[illegible]

INITIALS	3.0	10.7	1.0	2.0	.1

TOTAL NUMBER OF DAYS AVAILABLE FOR STUDY

8. SURFACE AND DIRECTION WINDS (IP 12-17)
 JULY 1955 STATIONS

STATION: 14-00000 JUN 71 - MAY 72
 MONTH: MAY HOURS: 16-17

WIND SPEEDS

0-9	10-19	20-29	30-39	40-49	50-59	60-69	TOTAL	MEAN	MODAL
								WIND	WIND
							3.0	6.3	7.0
							1.1	4.3	3.0
							2.4	4.5	4.0
							5.2	6.0	6.0
							6.0	6.2	6.0
							3.4	6.2	5.0
							6.0	6.0	4.0
							3.5	4.7	4.0
							7.0	4.3	6.0
							11.7	5.6	6.0
							14.0	7.5	5.0
							13.0	7.9	5.0

5.1

10.0 6.5 5.0

WIND DIRECTION

OPERATING LOCATION: "A"
 USARV, ANKOVILLE, NC

PERCENTAGE FREQUENCY OF OCCURANCE OF SIGNALS
 IN THE FOLLOWING CATEGORIES

STATION NUMBER: 722270 STATION NAME: USARV, ANKOVILLE, NC
 EST TO UTC: + 5

WIND SPEED IN KNOTS

PRECIPITATION (0.001 IN)	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99
(1) 0.001-0.01	.5	.5	1.2							
0.01-0.02	.5	.2								
0.02-0.03	1.	.7	.2							
(2) 0.03-0.04	2.2	1.7	.2							
0.04-0.05	5.7	1.6	.7							
0.05-0.06	5.7	2.3	.1							
(3) 0.06-0.07	7.7	2.								
0.07-0.08	5.7	1.6								
0.08-0.09	5.7	.7								
(4) 0.09-0.10	.7	2.2	.4							
0.10-0.11	5.7	5.7	1.7	.7						
0.11-0.12	5.7	5.4	2.7	.7						

WINDSPEED

NAME

TOTALS

4.4 25.7 2.4 .7

TOTAL NUMBER OF OBSERVATIONS: 31

TABLE 1. COORDINATE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FOR JULY 1965, VALL 12

PERIOD: MAY 21-31; JUN 7 - 14; JUL 1-6
 DATA: MAY 21-31; JUN 13-20

WIND IN KNOTS

0-10	11-20	21-30	31-40	41-50	TOTAL	WIND	WIND
						100.0	100.0
						2.1	2.2
						2.2	3.3
						2.7	4.2
						4.1	4.5
						4.9	4.5
						7.1	4.1
						8.4	3.1
						11.5	3.2
						13.7	3.7
						14.9	4.1
						14.2	4.5
						12.1	7.0

//////////////////// 23.7 //////////////////
 100.0 3.1 4.2

WINDS 922

OPERATING LOCATION: WAM
JACKSON, ARIZONA

DATE: 11/11/1964
TIME: 11:00 AM

STATION NUMBER: 722270

STATION NAME: JACKSON ARIZONA
EST. TO GIC: 4.5

		WIND SPEED IN MPH							
DIRECTION (1-12)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(H) 350-010		2.3	1.1	.7					
020-040		.3							
050-070		.7	.3						
(E) 080-100		2.5	2.4	.7					
110-130		3.1	2.0						
140-160		6.3	1.1	.7					
(S) 170-190		3.2	.3						
200-220		2.3							
230-250		2.4	.2						
(W) 260-280		6.2	1.3	.2					
290-310		5.6	2.3	.3					
320-340		5.3	5.2	1.1					
.....									
ADDITIONAL									
.....									
CALC. //////////////////////////////////////									
.....									
TOTALS		35.4	17.2	5.3					
.....									
TOTAL NUMBER OF OBSERVATIONS: 113									
.....									

NOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM AIRCRAFT OBSERVATIONS

1954-55

PERIOD OF RECORD: JUN 74 - MAY 75
 MONTH: MAY 1955: 21-23

WIND SPEED IN KNOTS

20-24	25-29	30-34	35-39	40-44	45-49	50-54	TOTAL	MEAN SPEED	MEDIAN SPEED
							4.2	5.3	4.0
							1.3	2.5	2.5
							1.0	2.2	2.0
							2.7	5.4	5.0
							5.1	4.2	4.0
							5.7	5.5	5.0
							4.2	2.6	2.0
							2.3	2.4	2.0
							2.5	2.3	2.0
							5.4	3.5	3.0
							10.0	4.1	3.0
							3.5	4.0	4.0

42.9

100.0 2.4 4.0

1954-55 513

OPERATING LOCATION NAME
JSA-TTAT, ASL VILLAGE

PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
ON 20 JULY 1954

STATION ID NO: 722170

STATION NAME: JSA-TTAT
LST TO UTC: +5

		WIND SPEED IN KNOTS									
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(0-360)											
(N)	350-010	1.2	.9	.5	.1						
	020-040	.7	.2	.0							
	050-070	1.	.9	.1							
(E)	080-100	3.7	3.0	.1	.1						
	110-130	3.7	3.5	.4	.1						
	140-160	3.5	2.9	.3	.0						
(S)	170-190	4.5	2.0	.2							
	200-220	4.2	1.2	.3							
	230-250	2.3	1.3	.1							
(W)	260-280	5.4	3.4	.7							
	290-310	5.5	3.7	2.2	.3	.0					
	320-340	2.5	4.5	2.5	.2	.0					
VARIABLE											
CALM		////////////////////									
TOTALS		40.1	29.2	6.0	.7						

TOTAL NUMBER OF OBSERVATIONS: 144

NOYAL OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 MONTHLY OBSERVATIONS

STATION: 000000 PERIOD OF RECORD: JUN 73 - MAY 74
 MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS							TOTAL	MEAN	MINIMUM
0-9	10-19	20-29	30-39	40-49	50-59	60-69			
0.7	0.1	0.0							
1.0	0.0	0.0							
2.7	0.0	0.0							
2.8	0.0	0.0							
7.0	0.0	0.0							
0.3	0.0	0.0							
0.0	0.0	0.0							
0.1	0.0	0.0							
4.7	0.0	0.0							
0.4	0.0	0.0							
13.0	0.0	0.0							
17.1	0.0	0.0							
////////////////////							21.0	////////////////	
							100.0	0.1	0.0

OBSERVATIONS 5844

DEPT. STATE, BUREAU OF CONSTRUCTION, BUREAU OF
RECORDS AND COMMUNICATIONS, BUREAU OF

STATION NAME: WILSONS CREEK
LST TO VIC: + 5

ADAPTABILITY OF 1/2 MIL. (0.00125 IN.) OR LESS THICK FILMS OF (

212-CHIEF 1-4 5-2 10-14 15-19 20-24 25-29 30-34 35-39 ..

(S) 350-213 .1 .1 .5

$$0.20-0.40 \quad 0.1 \quad 0.2$$
$$.00 = .75 \quad .25 \quad .33 \quad .4$$

(c) 0.30-1.00 4.0 4.1 4.1 .2

110-130	7.9	9.1	7.1	.2

140-140 4.4 3.5

(5) 170-180 4.5 1.0

200-400 1.5 1.5

[illegible]
$$(x) \quad 250 - 250 = 0 \quad 4 \cdot 5 \quad 2 \cdot 5 \quad 0 \cdot 4$$

100-312 1.5 4.7 1.5

[illegible][illegible]

TOTALS	37.3	42.0	2.1	.6

TOTAL NUMBER OF OBSERVATIONS 400

1. OCCURRENCE OF CRACKS DUE TO EFFECTS OF VARIOUS KINDS OF
2. LOADING AND VIBRATION

FROM: SAC, NEW YORK (100-158741) (P)
 TO: DIRECTOR, FBI (100-442655) (P)
 SUBJECT: MURKIN; NEW YORK
 RE: NEW YORK TELETYPE TO BUREAU, JULY 25, 1964.

U.S. AIR FORCE, 172 MIL (P-10-81-25).

NOT LESS THAN 3 MILS (40 METERS) WITH CEILING AT 200 FEET.

1. DATE _____

30-10 30-26 30-30 30-41 30-44 TOTAL PAGE NUMBER

1100

7.3 7.5

• • •

(4) (b) (i) (A) (B) (C)

1. 4. 7.

1. 1. 1. 7

• • • • •

3. 4. 5.

1. 2. 3.

3. 4. 5.

7.4 4.3 2.2

1. 2. 3.

5. 7. 7.

12.0 //

100.0 4.3 5.1

DATE _____

PERCENTAGE FREQUENCY OF 1954-1957 SURVIVORS
BY AGE GROUP AND SEX

STATION NAME: LINDSEY AFB TX
LST TIME: + 5

SECRET
(S)

 $i = j$

10-10

1. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

1

•

•)

• 4

2.5

●

5

1.7

•

• • •

• 4

• • •

1.

2

1. 3

•

•

• ?

10

?

3.

20

1. 2.

12

TOTALS

37.1

28

101

TOTAL NUMBER OF POSSESSIONS 342

DAY 7 RECORDS AND OBSERVATIONS AND PREDICTION MODELS AND SPREADSHEET
 OF AIR-LEVEL OBSERVATIONS

DATE: 04 JUL 2004 PERIOD: 0000Z JUN 27 - 0000Z JUL 01
 INSTR: JPL MODELS: 03-05

TIME (UTC)	WIND (KTS)	TEMP (C)	REL HUM (%)	WIND DIR (DEG)	WIND SPC (KTS)	TEMP SPC (C)	REL HUM SPC (%)
0000	0.0	16.7	65.0	000	0.0	16.7	65.0
0100	1.0	16.8	64.0	000	1.0	16.8	64.0
0200	2.0	16.9	63.0	000	2.0	16.9	63.0
0300	3.0	17.0	62.0	000	3.0	17.0	62.0
0400	4.0	17.1	61.0	000	4.0	17.1	61.0
0500	5.0	17.2	60.0	000	5.0	17.2	60.0
0600	6.0	17.3	59.0	000	6.0	17.3	59.0
0700	7.0	17.4	58.0	000	7.0	17.4	58.0
0800	8.0	17.5	57.0	000	8.0	17.5	57.0
0900	9.0	17.6	56.0	000	9.0	17.6	56.0
1000	10.0	17.7	55.0	000	10.0	17.7	55.0
1100	11.0	17.8	54.0	000	11.0	17.8	54.0
1200	12.0	17.9	53.0	000	12.0	17.9	53.0
1300	13.0	18.0	52.0	000	13.0	18.0	52.0
1400	14.0	18.1	51.0	000	14.0	18.1	51.0
1500	15.0	18.2	50.0	000	15.0	18.2	50.0
1600	16.0	18.3	49.0	000	16.0	18.3	49.0
1700	17.0	18.4	48.0	000	17.0	18.4	48.0
1800	18.0	18.5	47.0	000	18.0	18.5	47.0
1900	19.0	18.6	46.0	000	19.0	18.6	46.0
2000	20.0	18.7	45.0	000	20.0	18.7	45.0
2100	21.0	18.8	44.0	000	21.0	18.8	44.0
2200	22.0	18.9	43.0	000	22.0	18.9	43.0
2300	23.0	19.0	42.0	000	23.0	19.0	42.0
2400	24.0	19.1	41.0	000	24.0	19.1	41.0
2500	25.0	19.2	40.0	000	25.0	19.2	40.0
2600	26.0	19.3	39.0	000	26.0	19.3	39.0
2700	27.0	19.4	38.0	000	27.0	19.4	38.0
2800	28.0	19.5	37.0	000	28.0	19.5	37.0
2900	29.0	19.6	36.0	000	29.0	19.6	36.0
3000	30.0	19.7	35.0	000	30.0	19.7	35.0
3100	31.0	19.8	34.0	000	31.0	19.8	34.0
3200	32.0	19.9	33.0	000	32.0	19.9	33.0
3300	33.0	20.0	32.0	000	33.0	20.0	32.0
3400	34.0	20.1	31.0	000	34.0	20.1	31.0
3500	35.0	20.2	30.0	000	35.0	20.2	30.0
3600	36.0	20.3	29.0	000	36.0	20.3	29.0
3700	37.0	20.4	28.0	000	37.0	20.4	28.0
3800	38.0	20.5	27.0	000	38.0	20.5	27.0
3900	39.0	20.6	26.0	000	39.0	20.6	26.0
4000	40.0	20.7	25.0	000	40.0	20.7	25.0
4100	41.0	20.8	24.0	000	41.0	20.8	24.0
4200	42.0	20.9	23.0	000	42.0	20.9	23.0
4300	43.0	21.0	22.0	000	43.0	21.0	22.0
4400	44.0	21.1	21.0	000	44.0	21.1	21.0
4500	45.0	21.2	20.0	000	45.0	21.2	20.0
4600	46.0	21.3	19.0	000	46.0	21.3	19.0
4700	47.0	21.4	18.0	000	47.0	21.4	18.0
4800	48.0	21.5	17.0	000	48.0	21.5	17.0
4900	49.0	21.6	16.0	000	49.0	21.6	16.0
5000	50.0	21.7	15.0	000	50.0	21.7	15.0
5100	51.0	21.8	14.0	000	51.0	21.8	14.0
5200	52.0	21.9	13.0	000	52.0	21.9	13.0
5300	53.0	22.0	12.0	000	53.0	22.0	12.0
5400	54.0	22.1	11.0	000	54.0	22.1	11.0
5500	55.0	22.2	10.0	000	55.0	22.2	10.0
5600	56.0	22.3	9.0	000	56.0	22.3	9.0
5700	57.0	22.4	8.0	000	57.0	22.4	8.0
5800	58.0	22.5	7.0	000	58.0	22.5	7.0
5900	59.0	22.6	6.0	000	59.0	22.6	6.0
6000	60.0	22.7	5.0	000	60.0	22.7	5.0
6100	61.0	22.8	4.0	000	61.0	22.8	4.0
6200	62.0	22.9	3.0	000	62.0	22.9	3.0
6300	63.0	23.0	2.0	000	63.0	23.0	2.0
6400	64.0	23.1	1.0	000	64.0	23.1	1.0
6500	65.0	23.2	0.0	000	65.0	23.2	0.0
6600	66.0	23.3	0.0	000	66.0	23.3	0.0
6700	67.0	23.4	0.0	000	67.0	23.4	0.0
6800	68.0	23.5	0.0	000	68.0	23.5	0.0
6900	69.0	23.6	0.0	000	69.0	23.6	0.0
7000	70.0	23.7	0.0	000	70.0	23.7	0.0
7100	71.0	23.8	0.0	000	71.0	23.8	0.0
7200	72.0	23.9	0.0	000	72.0	23.9	0.0
7300	73.0	24.0	0.0	000	73.0	24.0	0.0
7400	74.0	24.1	0.0	000	74.0	24.1	0.0
7500	75.0	24.2	0.0	000	75.0	24.2	0.0
7600	76.0	24.3	0.0	000	76.0	24.3	0.0
7700	77.0	24.4	0.0	000	77.0	24.4	0.0
7800	78.0	24.5	0.0	000	78.0	24.5	0.0
7900	79.0	24.6	0.0	000	79.0	24.6	0.0
8000	80.0	24.7	0.0	000	80.0	24.7	0.0
8100	81.0	24.8	0.0	000	81.0	24.8	0.0
8200	82.0	24.9	0.0	000	82.0	24.9	0.0
8300	83.0	25.0	0.0	000	83.0	25.0	0.0
8400	84.0	25.1	0.0	000	84.0	25.1	0.0
8500	85.0	25.2	0.0	000	85.0	25.2	0.0
8600	86.0	25.3	0.0	000	86.0	25.3	0.0
8700	87.0	25.4	0.0	000	87.0	25.4	0.0
8800	88.0	25.5	0.0	000	88.0	25.5	0.0
8900	89.0	25.6	0.0	000	89.0	25.6	0.0
9000	90.0	25.7	0.0	000	90.0	25.7	0.0
9100	91.0	25.8	0.0	000	91.0	25.8	0.0
9200	92.0	25.9	0.0	000	92.0	25.9	0.0
9300	93.0	26.0	0.0	000	93.0	26.0	0.0
9400	94.0	26.1	0.0	000	94.0	26.1	0.0
9500	95.0	26.2	0.0	000	95.0	26.2	0.0
9600	96.0	26.3	0.0	000	96.0	26.3	0.0
9700	97.0	26.4	0.0	000	97.0	26.4	0.0
9800	98.0	26.5	0.0	000	98.0	26.5	0.0
9900	99.0	26.6	0.0	000	99.0	26.6	0.0
10000	100.0	26.7	0.0	000	100.0	26.7	0.0

WINDS: 040

RECEIVED: 1967 JAN 10
 1967 JAN 10 10 10 AM '67

STATION NAME : ...
EQUIPMENT : ...[illegible]

CONFERENCE SUBJECT: AIRCRAFT ACCIDENTS - SUSPENDED
 JULY 1975 MATTERS

PERIOD: JULY 1975 - MAY 1976
 MONTH: JULY 1975 - 15-08

CONFERENCE SUBJECT: AIRCRAFT ACCIDENTS - SUSPENDED					TOTAL	CONFERENCE	CONFERENCE
JULY 1975 MATTERS						CONFERENCE	CONFERENCE
1-34	35-42	43-50	51-58	59-66		CONFERENCE	CONFERENCE
					1.7	6.3	4.0
					1.4	1.6	2.0
					8.0	3.0	3.0
					12.0	4.0	4.0
					9.3	3.4	3.0
					8.0	1.0	3.0
					8.1	2.4	2.0
					3.0	1.5	2.0
					3.4	1.0	2.0
					14.0	3.5	3.0
					16.1	8.0	4.0
					.1	4.0	4.0
////////////////////////////////////					31.2	////////////////////////////////////	////////////////////////////////////
					100.0	1.0	3.0
TOTAL: 100.0							

OPERATING LOCATION: WAW
 USARPTAC, ASHTVILLE, NC

PERCENTAGE PER MONTH

STATION NUMBER: 702270

STATION NAME: WAW
 EST. TO HQ: + 6

.....

PERCENTAGE
 (100-515)

1-4

5-9

10-14

15-19

WIND SPEED IN MPH

20-24

25-

30-34

35-39

40-44

(H) 350-399

2.3

2.0

.6

400-449

1.2

.3

.1

450-499

3.7

2.1

.1

(F) 500-549

4.3

4.4

1.2

550-599

4.2

4.4

.3

.1

600-649

2.4

2.0

(S) 650-699

1.2

1.3

700-749

3.6

1.1

750-799

3.2

1.4

(W) 800-849

2.4

5.3

.1

850-899

4.0

7.2

1.2

900-949

2.4

6.2

1.2

.....
 VARIABLE

DATE

////////////////////////////////////

TOTALS

4.3

2.1

3.3

.1

TOTAL WIND SPEED IN MPH

.....

10-11
 10-11
 10-11

1-1-37	32-38	39-41	42-43	44-46	47-49	50-52	53-55	56-58	59-61	62-64	65-67	68-70	71-73	74-76	77-79	80-82	83-85	86-88	89-91	92-94	95-97	98-100	101-103	104-106	107-109	110-112	113-115	116-118	119-121	122-124	125-127	128-130	131-133	134-136	137-139	140-142	143-145	146-148	149-151	152-154	155-157	158-160	161-163	164-166	167-169	170-172	173-175	176-178	179-181	182-184	185-187	188-190	191-193	194-196	197-199	200-202	203-205	206-208	209-211	212-214	215-217	218-220	221-223	224-226	227-229	230-232	233-235	236-238	239-241	242-244	245-247	248-250	251-253	254-256	257-259	260-262	263-265	266-268	269-271	272-274	275-277	278-280	281-283	284-286	287-289	290-292	293-295	296-298	299-301	302-304	305-307	308-310	311-313	314-316	317-319	320-322	323-325	326-328	329-331	332-334	335-337	338-340	341-343	344-346	347-349	350-352	353-355	356-358	359-361	362-364	365-367	368-370	371-373	374-376	377-379	380-382	383-385	386-388	389-391	392-394	395-397	398-400	401-403	404-406	407-409	410-412	413-415	416-418	419-421	422-424	425-427	428-430	431-433	434-436	437-439	440-442	443-445	446-448	449-451	452-454	455-457	458-460	461-463	464-466	467-469	470-472	473-475	476-478	479-481	482-484	485-487	488-490	491-493	494-496	497-499	500-502	503-505	506-508	509-511	512-514	515-517	518-520	521-523	524-526	527-529	530-532	533-535	536-538	539-541	542-544	545-547	548-550	551-553	554-556	557-559	560-562	563-565	566-568	569-571	572-574	575-577	578-580	581-583	584-586	587-589	590-592	593-595	596-598	599-601	602-604	605-607	608-610	611-613	614-616	617-619	620-622	623-625	626-628	629-631	632-634	635-637	638-640	641-643	644-646	647-649	650-652	653-655	656-658	659-661	662-664	665-667	668-670	671-673	674-676	677-679	680-682	683-685	686-688	689-691	692-694	695-697	698-700	701-703	704-706	707-709	710-712	713-715	716-718	719-721	722-724	725-727	728-730	731-733	734-736	737-739	740-742	743-745	746-748	749-751	752-754	755-757	758-760	761-763	764-766	767-769	770-772	773-775	776-778	779-781	782-784	785-787	788-790	791-793	794-796	797-799	800-802	803-805	806-808	809-811	812-814	815-817	818-820	821-823	824-826	827-829	830-832	833-835	836-838	839-841	842-844	845-847	848-850	851-853	854-856	857-859	860-862	863-865	866-868	869-871	872-874	875-877	878-880	881-883	884-886	887-889	890-892	893-895	896-898	899-901	902-904	905-907	908-910	911-913	914-916	917-919	920-922	923-925	926-928	929-931	932-934	935-937	938-940	941-943	944-946	947-949	950-952	953-955	956-958	959-961	962-964	965-967	968-970	971-973	974-976	977-979	980-982	983-9

////////////////////////////////////	4.5	////////////////////////////////////
	100.0	4.5 4.5

441 15 400

DE OFFICE REFERENCE TO ACCOUNTING OFFICE
FROM JULY 1954-1955

STATION NAME: DALLAS AND GA
LST TO DTC: 4 5

- 4 -

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

STATION: 9000 PERIOD OF RECORD: JUN 76 - MAY 77
 MONTH: JUN HOURS: 12-14

SPEED IN KNOTS						TOTAL	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-44	45-49	50-54			
						5.1	4.3	4.0
						2.0	3.2	3.0
						3.3	3.5	3.0
						3.7	5.0	6.0
						4.2	5.0	5.0
						5.7	4.2	4.0
						5.3	4.0	4.0
						7.3	4.3	4.0
						5.2	4.1	4.0
						14.2	5.1	5.0
						15.7	6.2	6.0
						11.3	5.4	5.0
////////////////////						4.3	////////////////	
						100.0	4.9	5.0

OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SHEET
FROM 400RLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010		2.1	2.4	.3	.1				
020-040		1.9	.2	.1					
050-070		2.1	1.3	.1					
(E) 080-100		3.7	3.6	.4					
110-130		3.4	3.6	.1					
140-160		2.3	2.4	.1					
(S) 170-190		4.2	1.0						
200-220		5.3	2.2	.1					
230-250		4.4	1.2	.1					
(W) 260-280		7.6	6.3	.6					
290-310		6.7	7.9	2.2	.1				
320-340		4.3	6.8	2.6					
.....									
VARIABLE									
CALM //////////////////////////////////////									
TOTALS		49.4	33.5	7.4	.2				

TOTAL NUMBER OF OBSERVATIONS 300

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

STATION: 01

PERIOD OF RECORD: JUN 73 - MAY 76
 MONTH: JUN HOURS: 15-17

WIND IN KNOTS

25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN WIND	MEDIAN WIND
							5.0	5.6	5.0
							2.2	3.1	2.0
							4.0	4.5	4.0
							3.0	5.3	5.0
							9.1	5.5	5.0
							5.4	4.4	4.0
							5.2	3.3	3.0
							7.7	3.9	4.0
							5.7	3.9	4.0
							14.4	4.5	4.0
							15.9	5.0	5.0
							12.4	5.3	5.0
////////////////////							3.0	////////////////	
							100.0	4.8	4.0

OBSERVATIONS 200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: COBBINS AFB GA
LST TO UTC: + 5

	WIND SPEED IN KNOTS				
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24 25-29 30-34 35-39 40-
(N) 350-010	1.6	1.4	.3	.2	
020-040	2.1				
050-070	2.0	.3			
(E) 080-100	3.4	2.4	.7		
110-130	3.2	3.6	.3		
140-160	1.1	1.7			
(S) 170-190	4.2	.3			
200-220	4.3	.4			
230-250	5.2	1.4			
(W) 260-280	10.2	2.0			
290-310	2.3	4.2	.3		
320-340	5.6	5.3	1.2	.1	
VARIABLE					
CALM	////////////////////				
TOTALS	54.5	24.6	2.3	.3	

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION: 94

PERIOD OF RECORD: JUN 71 - MAY 83
MONTH: JUL HOURS: 18-20

WIND SPEED IN KNOTS

25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN	MEDIAN
							%	WIND	WIND
							3.5	5.0	5.0
							2.1	2.4	2.0
							3.5	3.2	3.0
							6.7	5.0	4.0
							7.1	5.0	5.0
							3.4	4.1	4.0
							5.0	3.3	3.0
							4.9	2.8	3.0
							5.7	3.0	2.0
							12.2	5.2	3.0
							14.3	4.2	4.0
							12.7	5.5	5.0
////////////////////////////////////							17.7	////////////////////////////////	
							100.0	3.4	4.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFRTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

	WIND SPEED IN KNOTS									
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40	
(N) 350-010	1.5	.7	.2							
020-040	.5									
050-070	2.5									
(E) 080-100	3.0	2.7	.3							
110-130	1.4	1.7	.2							
140-160	1.7	.5								
(S) 170-190	3.2	.5								
200-220	2.5	.2								
230-250	2.2	.3								
(W) 260-280	1.2	1.2								
290-310	0.7	1.5	.2							
320-340	5.3	2.3	.3							
VARIABLE										
CALM	////////////////////									
TOTALS	42.1	12.1	1.2							

TOTAL NUMBER OF OBSERVATIONS 600

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

STATION: 3A PERIOD OF RECORD: JUN 74 - MAY 86
 MONTH: JUN HOURS: 21-23

SPEED IN KNOTS						TOTAL	MEAN WIND	MEDIAN WIND
20-29	30-34	35-39	40-49	50-64	65-69			
						2.3	4.5	4.0
						.5	1.7	2.0
						2.5	1.9	2.0
						5.0	4.4	4.5
						3.7	4.5	4.5
						2.2	3.4	3.0
						3.7	2.8	2.0
						1.7	2.4	2.0
						2.5	2.9	2.0
						2.3	2.2	2.0
						11.3	3.1	2.0
						5.0	4.5	4.0
////////////////////						44.5	////////////////	////////////////
						100.0	1.9	2.0
OBSERVATIONS 600								

OPERATING LOCATION: "A"
USAFB AC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUB-PAC
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DEERING AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(OBSERVED)									
(N)	350-010	1.7	1.4	.2	.1				
	020-040	1.7	.2	.3					
	050-070	2.3	1.1	.3					
(E)	080-100	4.3	3.4	.7					
	110-130	3.6	3.0	.4	.2				
	140-160	2.4	1.6	.3					
(S)	170-190	3.6	.3						
	200-220	3.3	1.2	.3					
	230-250	3.2	1.2	.3					
(W)	260-280	4.1	3.4	.2					
	290-310	7.5	5.7	1.0	.3	.3			
	320-340	4.1	4.6	1.1	.1				
VARIABLES									
CALM		////////////////////							
TOTALS		47.7	23.1	3.6	.2				
TOTAL NUMBER OF OBSERVATIONS 5540									

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

STATION: 61

PERIOD OF RECORD: JUN 75 - MAY 83
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS

25-29	30-34	35-39	40-44	45-49	50-54	55-59	TOTAL	MEAN	MEDIAN
								WIND	WIND
							3.6	5.0	4.0
							1.9	2.7	2.0
							4.0	3.6	3.0
							4.4	4.9	4.0
							7.0	4.9	4.0
							4.0	4.1	4.0
							4.5	3.2	3.0
							5.1	3.5	3.0
							5.1	3.4	3.0
							12.3	4.0	4.0
							14.5	4.9	4.0
							9.8	5.6	5.0
////////////////////							20.2	////////////////	
							100.0	3.5	4.0

STATION: 6540

OPERATING LOCATION "AA"
USAFETAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM WINDLEY EAST WATERS

STATION NUMBER: 722270

STATION NAME: JOHNS AFB

EST TO MTC: + 5

CATEGORY A: CEILING OF 200 FT LESS THAN 1000 FEET WITH VISIBILITY OF 1/2
MILE

VISIBILITY OF 1/2 MILE (800 METERS) OR LESS THAN 3 MILES (5

WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

(4) 350-010	1.0	.2						
020-040	1.0	.2						
050-070	2.0	.2						
(5) 080-100	5.0	3.2	.7					
110-130	4.0	3.0	.					
140-160	3.1	1.7						
(6) 170-190	3.4	1.2						
200-220	6.2	1.0	.2					
230-250	5.0	.5						
(7) 260-280	10.7	1.7						
290-310	5.0	3.1						
320-340	1.0	1.0	.					

VARIABLE

CALM

TOTALS 55.4 22.7 1.0

TOTAL NUMBER OF OBSERVATIONS 419

NOYAL OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM VISUAL OBSERVATIONS

STATION: SA LOCATION OF RECORD: JUN 75 - MAY 81
MONTH: JUN HOURS: ALL

RECEIVED VISIBILITY OF 1/2 MILE (0.8 KM METERS).

RECEIVED LESS THAN 1 MILE (1.6 KM METERS) WITH CEILING OF 200 FEET.

RECEIVED IN KNOTS

0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 TOTAL PERCENT OF DAY

0 WIND WIND

1.2 3.0 3.0

1.4 3.3 3.3

3.1 2.2 3.0

13.4 1.2 3.0

5. 4. 4.3

4.7 3.8 4.0

4.3 2.1 2.0

7.1 3.0 2.0

7.4 2.5 2.0

12.4 3.2 3.0

7.1 4.4 4.0

4.3 5.2 3.0

12.5

10.0 3.1 3.0

RECEIVED 4.1

OPERATING LOCATION "A"
JSAFHTAG, ASHLEYVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FOR EACH CATEGORY

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99
(050-118)

(4) 350-010

020-040

050-070 55.7

(5) 080-100

110-130

140-160

(5) 170-190

200-220

230-250

(4) 260-280

290-310

320-340

VARIABLE

CALC //

TOTAL 55.7

TOTAL TIME 2 00 00

NOYAL OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 IN EARLY JAS- VETERANS

STATION: JPL PERIOD: JUL 71 - MAY 72
 STATION: JPL PERIOD: 00-02

.....
 DATA IN SORTS
 24-27 30-31 34-37 40-43 46-49 52-55 TOTAL MEAN MEDIAN
 31.0 31.0

 3.0

55.7 3.5 3.5

.....
 ////////////////////////////////// 33.5 //////////////////////////////////
 100.0 2.5 3.5

NO VETERANS 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM DAILY OBSERVATION

STATION NUMBER: 72270

STATION NAME: JOALINS AREA GA

LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(DEGREES)									
(N)	350-010	1.1	.5						
	020-040								
	050-070	5.1	.4						
(E)	080-100	5.2	1.3	.7					
	110-130	2.0	1.4	.4					
	140-160	1.3	.4						
(S)	170-190	.7							
	200-220	3.5							
	230-250	3.6	.2						
(4)	260-280	11.7	1.4						
	290-310	15.3	4.1						
	320-340	2.2	.2						
.....									
VARIABLE									
CALM //////////////////////////////////////									
TOTALS		43.7	12.5	.5					

TOTAL NUMBER OF OBSERVATIONS 557

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

STATION: 3A

PERIOD OF RECORD: JUN 73 - MAY 84
 MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS

20-24	30-34	40-39	40-49	50-54	55-59	TOTAL	MEAN WIND	MEDIAN WIND
						1.5	4.1	2.0
						3.4	2.4	2.0
						6.6	3.5	4.0
						3.8	4.7	4.0
						1.6	4.1	4.0
						.7	1.2	2.0
						2.5	2.1	2.0
						3.4	2.2	2.0
						13.1	2.9	3.0
						19.4	3.3	3.0
						3.1	3.2	3.0
////////////////////////////////////						40.4	////////////////////////////////	
						192.0	1.3	3.0
OBSERVATIONS						557		

OPERATING LOCATION WAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM 4 JULY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	1.3	1.6						
	020-040	.9							
	050-070	4.0	1.1	.1					
(E)	080-100	6.7	3.5	.4					
	110-130	3.1	2.2	.5					
	140-160	1.5	.7						
(S)	170-190	2.3	.1						
	200-220	3.0	.1						
	230-250	3.0	.3	.1					
(W)	260-280	1.2	2.3						
	290-310	13.2	3.0	.4					
	320-340	2.6	1.0						
.....									
VARIABLE									
CALM //////////////////////////////////////									
TOTALS		51.6	21.6	1.6					

TOTAL NUMBER OF OBSERVATIONS 926

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

LAKE MEAD

PERIOD OF RECORD: JUN 73 - MAY 76
 MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS

15-24	25-29	30-34	35-39	40-49	50-54	55-65	TOTAL	MEAN	MEDIAN
								WIND	WIND
							3.5	3.9	4.0
							4.9	2.6	2.5
							5.2	3.3	3.0
							10.5	4.2	4.0
							5.8	4.3	4.0
							2.4	4.0	4.0
							2.4	2.5	2.0
							3.1	2.4	2.0
							3.5	3.1	2.5
							11.7	3.4	3.0
							22.4	4.0	4.0
							3.3	3.5	3.0

//////////////////////////////////// 25.4 //////////////////////////////////
 100.0 2.8 3.0

NO. OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHLVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.6	1.7	.1					
020-040	1.6	.6						
050-070	3.7	1.0	.1					
(E) 080-100	4.7	5.6	1.1					
110-130	5.3	4.2	1.0					
140-160	1.4	2.2						
(S) 170-190	2.6	.9						
200-220	4.1	.6						
230-250	3.3	.3						
(W) 260-280	6.5	3.6	.4					
290-310	8.6	10.6	2.0					
320-340	4.1	7.1	.9					

VARIABLE

CALM

////////////////////////////////////

TOTALS

45.6 39.6 6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: AFB DA

PERIOD OF RECORD: JUN 75 - MAY 76
MONTH: JUL HOURS: 00-11

WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
0-9	10-19	20-29	30-39	40-49	50-59	60-69	GE 70			
								3.4	4.3	5.0
								2.0	3.4	3.0
								4.7	3.5	3.0
								11.3	5.4	5.0
								11.0	5.0	4.0
								3.5	5.0	5.0
								3.3	3.5	3.0
								4.2	2.8	3.0
								4.2	3.1	3.0
								10.5	4.3	4.0
								21.2	5.4	5.0
								13.0	5.5	5.0
////////////////////								5.5	////////////////	
								100.0	4.4	4.0

NO OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NAME: OTBAINS AFB GA
LST TO UTC: + 5

20

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	1.7	2.3	.4						
020-040	2.0	.9							
050-070	3.1	1.6	.1						
(E) 080-100	2.6	3.6	1.0						
110-130	3.4	4.1	1.2						
140-160	2.4	2.4	.1						
(S) 170-190	4.6	.3							
200-220	4.5	1.9							
230-250	3.3	1.7	.1						
(W) 260-280	5.3	4.7	.6						
290-310	7.0	9.7	2.5	.1					
320-340	4.4	7.3	1.0						

VARIABLE

CAL 4

TOTALS	45.3	42.2	7.3	.1

TOTAL NUMBER OF OBSERVATIONS 230

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

STATION: 01 PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS

0-9	10-19	20-29	30-39	40-49	50-59	60-69	TOTAL	MEAN WIND	MEDIAN WIND
4.0	5.6	5.0							
2.9	3.7	3.0							
4.8	4.0	4.0							
7.3	5.7	5.0							
3.7	5.3	6.0							
4.5	4.7	5.0							
5.4	3.4	3.0							
5.5	3.4	4.0							
5.2	3.0	4.0							
11.7	4.5	5.0							
12.6	5.2	6.0							
13.2	5.4	5.0							

//////////////////// 4.0 //////////////////
100.0 4.3 5.0

NO. OBSERVATIONS 730

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: CUBBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS							
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 360-010		1.9	2.2	.4	.1				
020-040		.4	.5		.1				
050-070		2.7	2.7						
(E) 080-100		2.5	3.3	.5	.1				
110-130		2.7	4.5	1.1					
140-160		2.7	2.7						
(S) 170-190		2.9	1.7	.1					
200-220		3.2	2.9	.1					
230-250		4.3	1.9						
(W) 260-280		7.5	4.7	1.1					
290-310		7.2	19.5	2.2		.1			
320-340		3.0	7.0	2.4	.2				
.....									
VARIABLE									
CALM //////////////////////////////////////									
TOTALS		41.4	44.5	4.0	.5	.1			
.....									
TOTAL NUMBER OF OBSERVATIONS 900									
.....									

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

STATION: GA

PERIOD OF RECORD: JUN 70 - MAY 83

MONTH: JUL HOURS: 15-17

WIND SPEED IN KNOTS

20-24	25-29	30-34	35-39	40-49	50-54	55-59	TOTAL	MEAN WIND	MEDIAN WIND
							4.5	5.0	5.0
							1.2	5.5	5.0
							5.6	4.3	4.0
							7.0	5.3	6.0
							6.3	5.9	5.0
							5.6	4.7	4.0
							4.7	4.1	3.5
							5.4	4.5	4.0
							6.2	3.7	3.0
							13.3	4.0	4.0
1							20.2	5.9	6.0
							12.6	5.5	7.0
							5.3	5.1	5.0
1							100.0	5.1	5.0

WIND DIRECTION: 000

OPERATING LOCATION: "A"
USAFETAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM 4 JULY 1967 TO 20 SEP 1967

STATION NUMBER: 722270

STATION NAME: DORMING AREA 04

LST TIME UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(4) 350-010	1.0	1.3	.2							
020-040	1.6	.4	.2							
050-070	5.1	1.4	.1							
(7) 080-100	3.3	3.7	.3							
110-130	2.6	3.0	.3							
140-160	3.0	1.1	.1							
(5) 170-190	4.5	.0								
200-220	4.0	1.2	.0							
230-250	3.8	.0								
(4) 260-280	11.0	1.5	.1							
290-310	11.2	5.3	.4							
320-340	4.5	5.3	.5				.1			
.....										
VARIABLE										
CALC	////////////////////////////////////									
TOTALS	55.7	25.5	2.4			.1				
.....										
TOTAL NUMBER OF OBSERVATIONS 930										
.....										

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

MO IT 4: JUL MOJRS: 13-20

| 2-53 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | GE 55 | TOTAL | MEAN | MEDIAN |
|------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 1.0 | 1.0 |

2.5 5.7 5.0

2.3 4.1 3.7

3.0 3.5 3.9

7.3 7.4 7.5

5.2 5.3 5.4

4. 3. 3.

• • • • •

0.4 3.2 2.2

4. 1 3. 3 2. 2

12.7 3.3 2.5

17.4 4.1 4.0

1000 1000 1000

14.2 // // // // // // // // //

100.0 3.0 4.0

100-447119S 230

OPERATING LOCATION "A"
 USARETAC, ASH-VILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 FROM ALL-CLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: JOHNS AFB, TX

EST. TO DIO: + 5

| | | | | | | | | | |
|-----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|
| WIND SPEED: 1.0-1.5 | | | | | | | | | |
| DIRECTION
(DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
| | | | | | | | | | |
| (N) 350-010 | 1.3 | .3 | | | | | | | |
| 020-040 | .3 | | .2 | | | | | | |
| 050-070 | 2.2 | .5 | .2 | | | | | | |
| (E) 080-100 | 3.9 | 2.7 | .3 | | | | | | |
| 110-130 | 3.0 | 1.9 | .2 | | | | | | |
| 140-160 | 1.2 | 1.1 | | | | | | | |
| (S) 170-190 | 3.4 | .5 | | | | | | | |
| 200-220 | 4.7 | .3 | | | | | | | |
| 230-250 | 3.9 | .3 | | | | | | | |
| (W) 260-280 | 12.9 | 1.3 | | | | | | | |
| 290-310 | 9.1 | 2.5 | .7 | | | | | | |
| 320-340 | 3.4 | 1.2 | .3 | | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | |
| TOTALS | 50.2 | 13.5 | 1.7 | | | | | | |
| | | | | | | | | | |
| TOTAL NUMBER OF OBSERVATIONS: 823 | | | | | | | | | |
| | | | | | | | | | |

NOYAL OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM JULY OBSERVATIONS

PERIOD OF RECORD: JUL 7 - MAY 66
 MONTH: JUL DAYS: 21-23

WINDS: 14 KNOTS

| 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | TOTAL | MEAN | STANDARD |
|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|
| | | | | | | | | WIND | WIND |
| | | | | | | | 1.5 | 2.9 | 2.0 |
| | | | | | | | 1.0 | 3.7 | 2.0 |
| | | | | | | | 3.1 | 3.5 | 2.0 |
| | | | | | | | 5.0 | 4.7 | 4.0 |
| | | | | | | | 5.1 | 4.2 | 3.0 |
| | | | | | | | 2.2 | 4.3 | 5.0 |
| | | | | | | | 4.0 | 1.2 | 5.0 |
| | | | | | | | 1.0 | 2.4 | 2.0 |
| | | | | | | | 4.2 | 2.2 | 1.0 |
| | | | | | | | 13.0 | 2.5 | 3.0 |
| | | | | | | | 12.2 | 3.5 | 3.0 |
| | | | | | | | 5.0 | 4.0 | 4.0 |

//////////////////////////////////// 3.3 //////////////////////////////////
 100.0 2.3 3.0

WINDS: 5-23

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM 100% OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBHINS AFB GA
LST TO UTC: + 5

| | WIND SPEED IN KNOTS | | | | | |
|-------------------|--------------------------------------|-------|-------|-------|-------|-------|
| DIRECTION | 1-4 | 4-9 | 10-14 | 15-19 | 20-24 | 25-29 |
| (OF OBSERVATIONS) | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 |
| (N) 350-010 | 1.5 | 1.6 | .2 | .0 | | |
| 020-040 | 1.1 | .4 | .1 | .0 | | |
| 050-070 | 3.6 | 1.3 | .1 | | | |
| (E) 080-100 | 4.1 | 3.6 | .6 | .0 | | |
| 110-130 | 3.3 | 3.2 | .7 | | | |
| 140-160 | 2.1 | 1.6 | .0 | | | |
| (S) 170-190 | 3.1 | .3 | .0 | | | |
| 200-220 | 4.7 | 1.0 | .1 | | | |
| 230-250 | 4.6 | .0 | .0 | | | |
| (O) 260-280 | 2.0 | 2.1 | .4 | | | |
| 290-310 | 13.1 | 7.3 | 1.3 | .0 | .0 | |
| 320-340 | 4.6 | 4.7 | .3 | .0 | .0 | |
| VARIABLE | | | | | | |
| CALM | //////////////////////////////////// | | | | | |
| TOTALS | 43.8 | 30.2 | 4.3 | | | |

TOTAL NUMBER OF OBSERVATIONS 6420

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

STATION: 31 PERIOD OF RECORD: JUN 73 - MAY 78
MONTH: JUL HOURS: ALL

| SPEED IN KNOTS | | | | | | TOTAL | MEAN | MEDIAN |
|----------------------|-------|-------|-------|-------|-------|-------|------------------|--------|
| 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | | | |
| | | | | | | 2 | WIND | WIND |
| | | | | | | 3.3 | 5.1 | 5.0 |
| | | | | | | 1.5 | 3.5 | 3.0 |
| | | | | | | 5.0 | 3.7 | 3.0 |
| | | | | | | 3.3 | 5.0 | 5.0 |
| | | | | | | 7.2 | 4.2 | 5.0 |
| | | | | | | 3.3 | 4.4 | 4.0 |
| | | | | | | 3.0 | 3.3 | 3.0 |
| | | | | | | 4.0 | 3.3 | 3.0 |
| | | | | | | 4.5 | 3.2 | 3.0 |
| | | | | | | 12.5 | 3.8 | 3.0 |
| | | | | | | 19.7 | 4.5 | 4.0 |
| | | | | | | 3.3 | 5.5 | 5.0 |
| //////////////////// | | | | | | 15.5 | //////////////// | |
| | | | | | | 100.0 | 3.7 | 4.5 |

HOURLY OBSERVATIONS 5820

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: OGDINS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
400/34
VISIBILITY GE 1/2 MILE (800 METERS) BUT LESS THAN 3 MILES (4800 METERS)

WIND SPEED IN KNOTS
DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

| | | | | | | | | |
|-------------|-----|------|-----|----|--|--|--|--|
| (N) 350-010 | .2 | .0 | | .2 | | | | |
| 020-040 | .3 | .2 | | | | | | |
| 050-070 | 5.1 | 4.0 | .6 | | | | | |
| (E) 080-100 | 6.2 | 10.4 | 1.1 | | | | | |
| 110-130 | 5.8 | 7.5 | 2.3 | | | | | |
| 140-160 | 4.5 | 3.7 | | | | | | |
| (S) 170-190 | 5.5 | .8 | | | | | | |
| 200-220 | 7.7 | 1.4 | | | | | | |
| 230-250 | 4.0 | .5 | | | | | | |
| (W) 260-280 | 5.1 | 1.6 | .3 | | | | | |
| 290-310 | 4.5 | 2.0 | | | | | | |
| 320-340 | .7 | 1.4 | | | | | | |

VARIABLE

CALM

TOTALS 50.5 34.4 4.4 .2

TOTAL NUMBER OF OBSERVATIONS 642

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

STATION: ARA-0A PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

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

.....
WIND SPEED IN KNOTS

| 14 | 25-29 | 30-34 | 35-39 | 40-44 | 50-54 | GE 55 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | | % | WIND | WIND |
| | | | | | | | 1.1 | 5.9 | 5.0 |
| | | | | | | | 5.5 | 4.7 | 4.0 |
| | | | | | | | 9.5 | 4.7 | 4.0 |
| | | | | | | | 17.9 | 5.5 | 5.0 |
| | | | | | | | 15.7 | 5.8 | 6.0 |
| | | | | | | | 8.3 | 4.5 | 4.0 |
| | | | | | | | 5.2 | 2.9 | 2.0 |
| | | | | | | | 9.2 | 2.9 | 3.0 |
| | | | | | | | 4.5 | 2.9 | 2.0 |
| | | | | | | | 7.9 | 3.7 | 4.0 |
| | | | | | | | 5.5 | 3.5 | 4.0 |
| | | | | | | | 2.2 | 5.1 | 5.0 |

.....
//////////////////// 10.1 //////////////////
100.0 4.1 4.0

.....
OBSERVATIONS 642
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

AFW

LST TO UTC: + 5

AFW

.....
WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

.....
(N) 350-010

020-040

050-070

(E) 080-100

110-130 20.0

140-160 50.0

(S) 170-190

200-220

230-250

(A) 250-270

290-310

320-340

.....
VARIABLE

CALM //////////////////////////////////////

TOTALS 80.0

TOTAL NUMBER OF OBSERVATIONS 5

.....

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

AREA: SA PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: AUG HOURS: 00-02

WINDS IN KNOTS

| 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | TOTAL | MEAN
WIND | MEDIAN
WIND |
|-------|-------|-------|-------|-------|-------|-------|-------|--------------|----------------|
| | | | | | | | | | 4.0 |

20.0 6.0 6.0

60.0 6.3 6.0

//////////////////////////////////// 20.0 //////////////////////////////////

100.0 6.0 6.5

HOURLY OBSERVATIONS 7

OPERATING LOCATION "AW"
JSAFFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

| | | WIND SPEED IN KNOTS | | | | | | | |
|---|--|---------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| | | | | | | | | | |
| (N) 350-010 | | .7 | | | | | | | |
| 020-040 | | .7 | .4 | | | | | | |
| 050-070 | | 4.1 | .7 | | | | | | |
| (E) 080-100 | | 5.5 | 3.4 | 1.1 | | | | | |
| 110-130 | | 3.4 | 1.4 | | | | | | |
| 140-160 | | 2.0 | .4 | | | | | | |
| (S) 170-190 | | .7 | | | | | | | |
| 200-220 | | 1.1 | | | | | | | |
| 230-250 | | 2.0 | .2 | | | | | | |
| (W) 260-280 | | 5.5 | .7 | | | | | | |
| 290-310 | | 7.7 | 3.0 | | | | | | |
| 320-340 | | 1.3 | 1.1 | | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALM ////////////////////////////////////// | | | | | | | | | |
| TOTALS | | 37.8 | 11.9 | 1.1 | | | | | |
| | | | | | | | | | |
| TOTAL NUMBER OF OBSERVATIONS 550 | | | | | | | | | |
| | | | | | | | | | |

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

STATION: 04 PERIOD OF RECORD: JUN 70 - MAY 88
MONTH: AUG HOURS: 03-06

| SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | | | |
| | | | | | | .7 | 2.0 | 2.0 |
| | | | | | | 1.1 | 4.0 | 3.5 |
| | | | | | | 4.8 | 2.4 | 2.0 |
| | | | | | | 10.0 | 4.6 | 3.5 |
| | | | | | | 4.3 | 3.3 | 4.0 |
| | | | | | | 2.3 | 3.3 | 3.0 |
| | | | | | | .7 | 1.5 | 1.5 |
| | | | | | | 1.1 | 1.5 | 1.0 |
| | | | | | | 2.1 | 2.3 | 2.0 |
| | | | | | | 2.3 | 2.5 | 2.0 |
| | | | | | | 11.3 | 3.9 | 4.0 |
| | | | | | | 2.3 | 4.3 | 4.0 |
| //////////////////// | | | | | | 49.4 | //////// | //////// |
| | | | | | | 100.0 | 1.4 | 3.0 |
| OBSERVATIONS | | | | | | 550 | | |

OPERATING LOCATION "AM"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

LST TO UTC: + 5

| | | WIND SPEED IN KNOTS | | | | | | | |
|------------------------|---------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| | | | | | | | | | |
| (U) | 350-010 | 1.0 | .2 | | | | | | |
| | 020-040 | 1.2 | | | | | | | |
| | 050-070 | 0.2 | 1.2 | | | | | | |
| (E) | 080-100 | 0.5 | 4.3 | .5 | .1 | | | | |
| | 110-130 | 4.3 | 1.9 | | | | | | |
| | 140-160 | 1.1 | .2 | | | | | | |
| (S) | 170-190 | 1.7 | | | | | | | |
| | 200-220 | 1.3 | .1 | .1 | | | | | |
| | 230-250 | 1.7 | .1 | | | | | | |
| (N) | 260-280 | 7.4 | 1.2 | | | | | | |
| | 290-310 | 7.3 | 4.5 | .2 | | | | | |
| | 320-340 | 1.1 | 1.2 | .1 | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALM | | //////////////////////////////////// | | | | | | | |
| TOTALS | | 43.3 | 15.7 | .9 | .1 | | | | |
| | | | | | | | | | |
| | | TOTAL NUMBER OF OBSERVATIONS 330 | | | | | | | |
| | | | | | | | | | |

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

STATION: 8A PERIOD OF RECORD: JUN 74 - MAY 81
MONTH: AUG HOURS: 06-03

| SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------------|-------|-------|-------|-------|-------|------------|------------------|----------------|
| 24-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-60 | | | |
| | | | | | | 1.2 | 3.0 | 3.0 |
| | | | | | | 1.2 | 2.4 | 2.0 |
| | | | | | | 5.3 | 3.4 | 3.0 |
| | | | | | | 13.5 | 4.2 | 3.0 |
| | | | | | | 5.2 | 4.0 | 4.0 |
| | | | | | | 2.0 | 2.8 | 2.0 |
| | | | | | | 1.7 | 2.1 | 2.0 |
| | | | | | | 1.5 | 2.6 | 2.0 |
| | | | | | | 1.1 | 2.1 | 2.0 |
| | | | | | | 3.6 | 3.1 | 3.0 |
| | | | | | | 12.7 | 4.2 | 4.0 |
| | | | | | | 3.0 | 5.1 | 5.0 |
| | | | | | | | | |
| //////////////////// | | | | | | 39.2 | //////////////// | |
| | | | | | | 100.0 | 2.3 | 3.0 |
| OBSERVATIONS | | | | | | 330 | | |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM DAILY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: JOHNS AFB GA
LST TO UTC: + 5

2 1
M 17

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|------------------------|--|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|--|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | |
| | | | | | | | | | | | |
| (N) 350-010 | | 1.5 | 1.0 | .1 | | | | | | | |
| 020-040 | | 1.7 | .3 | | | | | | | | |
| 050-070 | | 3.0 | 2.7 | .2 | | | | | | | |
| (E) 080-100 | | 3.5 | 6.2 | 2.3 | | | | | | | |
| 110-130 | | 5.3 | 4.0 | .4 | | | | | | | |
| 140-160 | | 3.4 | .9 | | | | | | | | |
| (S) 170-190 | | 2.3 | .3 | | | | | | | | |
| 200-220 | | 2.4 | .1 | | | | | | | | |
| 230-250 | | 2.7 | 1.0 | | | | | | | | |
| (W) 260-280 | | 7.0 | 3.5 | .3 | | | | | | | |
| 290-310 | | 5.3 | 3.5 | .4 | | | | | | | |
| 320-340 | | 4.3 | 4.5 | 1.1 | | | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALM | | //////////////////////////////////// | | | | | | | | | |
| TOTALS | | 51.5 | 33.7 | 5.2 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 130

YEAR OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 1971 JULY OBSERVATIONS

SA

PERIOD OF RECORD: JUN 76 - MAY 86
 MONTH: AUG HOURS: 09-11

| | | | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|------------------|--------|
| 10-19 KNOTS | | | | | | | | |
| 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | TOTAL | MEAN | MEDIAN |
| | | | | | | | WIND | WIND |
| | | | | | | 2.6 | 4.1 | 3.0 |
| | | | | | | 2.0 | 3.2 | 3.0 |
| | | | | | | 9.7 | 4.3 | 4.0 |
| | | | | | | 17.0 | 5.3 | 4.5 |
| | | | | | | 10.4 | 4.4 | 4.0 |
| | | | | | | 4.3 | 3.4 | 3.0 |
| | | | | | | 4.3 | 3.1 | 3.0 |
| | | | | | | 3.0 | 2.5 | 3.0 |
| | | | | | | 3.7 | 2.5 | 3.0 |
| | | | | | | 10.3 | 4.2 | 4.0 |
| | | | | | | 14.4 | 5.1 | 5.0 |
| | | | | | | 10.5 | 5.3 | 5.0 |
| | | | | | | | | |
| //////////////////// | | | | | | 9.5 | //////////////// | |
| | | | | | | 100.0 | 4.1 | 4.0 |

1771045 030

OPERATING LOCATION "AM"
USAFPTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCUR FOR DIRECTION
FOR DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44

STATION NUMBER: 722270

STATION NAME: DUBAINE AFB GA
EST TO DIR: + 5

| | | WIND SPEED IN KNOTS | | | | | | | |
|---|--|---------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| (N) 350-010 | | 2.7 | 2.0 | .1 | | | | | |
| 020-040 | | 1.5 | 1.3 | | | | | | |
| 050-070 | | 2.3 | 1.2 | | | | | | |
| (E) 080-100 | | 4.5 | 4.5 | 1.4 | .1 | | | | |
| 110-130 | | 4.7 | 5.9 | .2 | | | | | |
| 140-160 | | 4.5 | 3.7 | .1 | | | | | |
| (S) 170-190 | | 3.2 | 1.0 | | | | | | |
| 200-220 | | 3.4 | .9 | .1 | | | | | |
| 230-250 | | 4.1 | 1.0 | .1 | | | | | |
| (W) 260-280 | | 5.4 | 4.3 | | | | | | |
| 290-310 | | 5.1 | 7.5 | .5 | | | | | |
| 320-340 | | 5.4 | 5.4 | 1.4 | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALC // | | | | | | | | | |
| TOTALS | | 47.5 | 39.3 | 5.5 | .1 | | | | |
| | | | | | | | | | |
| TOTAL NUMBER OF OBSERVATIONS 220 | | | | | | | | | |
| | | | | | | | | | |

WIND OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FOR SURFACE OBSERVATIONS

STATION: 32 PERIOD OF RECORD: JUL 75 - MAY 76
 MONTH: AUG DURS: 12-14

WINDS IN KNOTS

| 0-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-59 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | | | | | % | KNOTS | KNOTS |
| | | | | | | | 4.6 | 4.4 | 4.0 |
| | | | | | | | 3.9 | 3.9 | 4.0 |
| | | | | | | | 4.1 | 4.3 | 4.0 |
| | | | | | | | 10.5 | 5.7 | 5.0 |
| | | | | | | | 11.4 | 5.3 | 5.0 |
| | | | | | | | 5.0 | 4.4 | 4.0 |
| | | | | | | | 4.1 | 3.5 | 3.0 |
| | | | | | | | 4.7 | 3.7 | 3.0 |
| | | | | | | | 5.2 | 3.7 | 3.0 |
| | | | | | | | 9.7 | 4.4 | 4.0 |
| | | | | | | | 13.2 | 5.4 | 5.0 |
| | | | | | | | 16.2 | 5.5 | 5.0 |
| | | | | | | | 5.5 | 5.5 | 5.0 |
| | | | | | | | 100.0 | 4.5 | 4.0 |

Observations 239

OPERATING LOCATION "A"
USAFETAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

DATE:
MONTH:

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|---|--|---------------------|------|-------|-------|-------|-------|-------|-------|-------|--|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | |
| (N) 350-010 | | 1.9 | 1.4 | 1.1 | | .1 | | | | | |
| 020-040 | | 3.3 | .5 | .1 | | | | | | | |
| 050-070 | | 4.7 | 1.7 | | | | | | | | |
| (E) 080-100 | | 3.9 | 4.6 | .3 | | | | | | | |
| 110-130 | | 5.1 | 5.3 | .4 | | | | | | | |
| 140-160 | | 4.4 | 2.5 | .1 | | | | | | | |
| (S) 170-190 | | 4.3 | 1.5 | .1 | | | | | | | |
| 200-220 | | 3.7 | 2.3 | .1 | | | | | | | |
| 230-250 | | 4.1 | .9 | .1 | | | | | | | |
| (W) 260-280 | | 5.4 | 3.3 | .9 | | | | | | | |
| 290-310 | | 5.3 | 7.2 | .5 | .2 | | | | | | |
| 320-340 | | 2.7 | 5.5 | 1.5 | | | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALM ////////////////////////////////////// | | | | | | | | | | | |
| TOTALS | | 49.8 | 39.3 | 5.7 | .2 | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: SA PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 15-17

| SPEED IN KNOTS | | | | | | | TOTAL
| MEAN
WIND | MEDIAN
WIND |
|----------------------|-------|-------|-------|-------|-------|-------|------------|------------------|----------------|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-59 | GE 60 | | | |
| | | | | | | | 4.5 | 6.5 | 5.5 |
| | | | | | | | 4.0 | 3.4 | 3.0 |
| | | | | | | | 5.5 | 3.7 | 3.0 |
| | | | | | | | 3.8 | 5.2 | 5.0 |
| | | | | | | | 11.1 | 5.3 | 5.0 |
| | | | | | | | 7.0 | 4.1 | 4.0 |
| | | | | | | | 6.2 | 3.9 | 4.0 |
| | | | | | | | 6.0 | 3.9 | 3.5 |
| | | | | | | | 5.1 | 3.1 | 2.0 |
| | | | | | | | 3.6 | 4.7 | 4.0 |
| | | | | | | | 13.2 | 5.4 | 5.0 |
| | | | | | | | 12.0 | 5.2 | 5.0 |
| //////////////////// | | | | | | | 6.0 | //////////////// | |
| | | | | | | | 100.0 | 4.5 | 4.0 |
| OBSERVATIONS | | | | | | | 930 | | |

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PERI-
OD: 1
MONTH

| | | WIND SPEED IN KNOTS | | | | | | | |
|------------------------|--|--------------------------------------|------|-------|-------|-------|-------|-------|-------------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 40-44 |
| (N) 350-010 | | 1.5 | 1.5 | .1 | | | | | |
| 020-040 | | 2.2 | .2 | | .1 | | | | |
| 050-070 | | 5.7 | .9 | .1 | | | | | |
| (E) 080-100 | | 3.9 | 4.2 | .3 | | | | | |
| 110-130 | | 3.8 | 3.9 | .2 | | | | | |
| 140-160 | | 4.3 | 1.3 | .1 | | | | | |
| (S) 170-190 | | 4.5 | .2 | .1 | | | | | |
| 200-220 | | 5.2 | .3 | | | | | | |
| 230-250 | | 4.9 | .5 | | | | | | |
| (A) 260-280 | | 5.1 | 1.7 | | | | | | |
| 290-310 | | 3.9 | 1.7 | .5 | | | | | |
| 320-340 | | 3.9 | 4.9 | .9 | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| | | | | | | | | | |
| CALM | | //////////////////////////////////// | | | | | | | |
| TOTALS | | 54.5 | 29.9 | 2.4 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION: 34 PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: AUG HOURS: 18-20

| WIND SPEED IN KNOTS | | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------------|------|-------|-------|-------|-------|-------|------------|------------------|----------------|
| 0-4 | 5-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-59 | | | |
| | | | | | | | 3.2 | 5.0 | 4.5 |
| | | | | | | | 2.5 | 3.2 | 2.0 |
| | | | | | | | 7.5 | 2.3 | 2.0 |
| | | | | | | | 3.4 | 5.1 | 5.0 |
| | | | | | | | 7.6 | 5.0 | 5.0 |
| | | | | | | | 5.7 | 3.7 | 3.0 |
| | | | | | | | 4.8 | 2.6 | 2.0 |
| | | | | | | | 5.9 | 2.3 | 2.0 |
| | | | | | | | 4.5 | 2.9 | 3.0 |
| | | | | | | | 7.4 | 3.4 | 3.0 |
| | | | | | | | 11.0 | 3.3 | 3.0 |
| | | | | | | | 3.7 | 5.5 | 5.0 |
| //////////////////// | | | | | | | 22.2 | //////////////// | |
| | | | | | | | 100.0 | 3.1 | 4.0 |
| OBSERVATIONS | | | | | | | 930 | | |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|--|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | |
| (N) 350-010 | 1.3 | 1.0 | | .2 | | | | | | |
| 020-040 | 1.4 | .2 | | | | | | | | |
| 050-070 | 4.3 | .2 | | | | | | | | |
| (E) 080-100 | 4.5 | 2.9 | .3 | | | | | | | |
| 110-130 | 5.3 | 2.4 | .3 | | | | | | | |
| 140-160 | 3.0 | .3 | | | | | | | | |
| (S) 170-190 | 2.2 | .2 | | | | | | | | |
| 200-220 | 1.9 | .2 | .3 | | | | | | | |
| 230-250 | 2.4 | .2 | .2 | | | | | | | |
| (W) 260-280 | 5.2 | .5 | .2 | | | | | | | |
| 290-310 | 5.7 | 1.1 | | | | | | | | |
| 320-340 | 4.2 | 1.3 | .2 | | | | | | | |
| | | | | | | | | | | |
| VARIABLE | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | |
| TOTALS | 45.9 | 11.1 | 1.5 | .2 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 624

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

APR 64 PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: AUG HOURS: 21-23

| SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | | | |
| | | | | | | 2.9 | 4.8 | 4.0 |
| | | | | | | 1.6 | 3.3 | 3.0 |
| | | | | | | 4.5 | 2.9 | 2.0 |
| | | | | | | 7.7 | 4.1 | 3.0 |
| | | | | | | 8.0 | 4.5 | 4.0 |
| | | | | | | 3.4 | 3.0 | 3.0 |
| | | | | | | 2.4 | 2.5 | 2.0 |
| | | | | | | 2.4 | 3.5 | 2.0 |
| | | | | | | 2.7 | 3.2 | 2.0 |
| | | | | | | 3.0 | 2.6 | 2.0 |
| | | | | | | 7.9 | 3.0 | 2.0 |
| | | | | | | 6.1 | 3.9 | 4.0 |

//////////////////////////////////// 41.5 //////////////////////////////////
100.0 2.0 3.0

OBSERVATIONS 624

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH:

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 40-49 |
| (N) 350-010 | 1.5 | 1.1 | .2 | .0 | .0 | | | |
| 020-040 | 1.3 | .4 | .0 | .0 | | | | |
| 050-070 | 4.5 | 1.4 | .1 | | | | | |
| (E) 080-100 | 5.7 | 4.4 | .9 | .0 | | | | |
| 110-130 | 4.7 | 3.3 | .4 | | | | | |
| 140-160 | 3.5 | 1.5 | .1 | | | | | |
| (S) 170-190 | 3.1 | .5 | .0 | | | | | |
| 200-220 | 3.0 | .7 | .1 | | | | | |
| 230-250 | 3.1 | .5 | .1 | | | | | |
| (W) 260-280 | 5.7 | 2.4 | .2 | | | | | |
| 290-310 | 5.6 | 5.2 | .4 | .0 | | | | |
| 320-340 | 3.5 | 4.0 | 1.0 | | | | | |
| VARIABLE | | | | | | | | |
| CALM | //////////////////// | | | | | | | |
| TOTALS | 43.1 | 25.1 | 3.5 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 5333

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

AREA: SA PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: AUG HOURS: ALL

| SPEED IN KNOTS | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|------|--------|--|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | 65-69 | TOTAL | MEAN | MEDIAN | |
| | | | | | | % | WIND | WIND | |
| | | | | | | 3.0 | 4.9 | 4.0 | |
| | | | | | | 2.3 | 3.4 | 3.0 | |
| | | | | | | 5.9 | 3.5 | 3.0 | |
| | | | | | | 11.1 | 5.0 | 4.0 | |
| | | | | | | 5.5 | 4.8 | 4.0 | |
| | | | | | | 5.0 | 3.9 | 4.0 | |
| | | | | | | 3.7 | 3.2 | 3.0 | |
| | | | | | | 3.7 | 3.2 | 3.0 | |
| | | | | | | 3.7 | 3.1 | 3.0 | |
| | | | | | | 9.3 | 3.7 | 3.0 | |
| | | | | | | 12.3 | 4.6 | 4.0 | |
| | | | | | | 3.7 | 5.5 | 5.0 | |
| | | | | | | 22.5 | | | |
| | | | | | | 100.0 | 3.3 | 4.0 | |
| OBSERVATIONS 5333 | | | | | | | | | |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

CATEGORY A: CEILING GT 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
AND/OR
VISIBILITY GE 1/2 MILE (2000 METERS) BUT LESS THAN 3 MILES (4800

WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

(N) 350-010

.5

020-040

.0

.4

.2

050-070

5.2

2.2

(E) 080-100

10.6

9.4

2.0

110-130

7.0

6.5

.2

140-160

3.9

1.3

(S) 170-190

3.4

.5

.2

200-220

2.7

.2

.4

230-250

1.9

.4

(W) 260-280

5.4

1.1

290-310

4.7

2.7

.2

320-340

2.2

2.9

.4

.....
VARIABLE

CALM

////////////////////////////////////

TOTALS

47.3

21.1

3.4

.2

TOTAL NUMBER OF OBSERVATIONS 566

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

AREA: GA PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: AUG HOURS: ALL

.....
FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

5) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

.....
SPEED IN KNOTS

| 4 | 20-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
|---|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | | % | WIND | WIND |
| | | | | | | | 5.5 | 5.3 | 5.0 |
| | | | | | | | 1.4 | 5.0 | 5.0 |
| | | | | | | | 7.4 | 3.8 | 3.0 |
| | | | | | | | 21.9 | 5.2 | 5.0 |
| | | | | | | | 13.7 | 4.5 | 4.0 |
| | | | | | | | 5.0 | 3.7 | 4.0 |
| | | | | | | | 4.1 | 3.1 | 2.0 |
| | | | | | | | 3.2 | 3.1 | 2.0 |
| | | | | | | | 1.5 | 3.3 | 2.0 |
| | | | | | | | 5.5 | 3.1 | 3.0 |
| | | | | | | | 7.5 | 4.3 | 4.0 |
| | | | | | | | 5.4 | 5.0 | 5.5 |

.....
//////////////////// 21.4 //////////////////
100.0 2.4 4.0

OBSERVATIONS 555
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PERIOD
10/1/70

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|---|--|---------------------|------|-------|-------|-------|-------|-------|-------|-------|--|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | |
| (N) 350-010 | | .7 | .2 | | | | | | | | |
| 020-040 | | 1.1 | | | | | | | | | |
| 050-070 | | 7.4 | 1.6 | | | | | | | | |
| (E) 080-100 | | 3.7 | 5.9 | .7 | | | | | | | |
| 110-130 | | 2.3 | .7 | .2 | | | | | | | |
| 140-160 | | .7 | | | | | | | | | |
| (S) 170-190 | | .2 | | | | | | | | | |
| 200-220 | | .7 | .2 | | | | | | | | |
| 230-250 | | .6 | | | | | | | | | |
| (N) 260-280 | | 5.2 | .2 | | | | | | | | |
| 290-310 | | 0.6 | 2.3 | | | | | | | | |
| 320-340 | | 1.1 | 2.3 | .2 | | | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALM ////////////////////////////////////// | | | | | | | | | | | |
| TOTALS | | 34.3 | 13.8 | 1.1 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 543

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

AREA 64 PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: SEP HOURS: 03-05

| SPEED IN KNOTS | | | | | | TOTAL | MEAN | MEDIA |
|--------------------------------------|-------|-------|-------|-------|-------|-------|----------------------------------|-------|
| 25-29 | 30-34 | 35-39 | 40-44 | 50-54 | GE 55 | " | WIND | WIND |
| | | | | | | .9 | 3.2 | 3.0 |
| | | | | | | 1.1 | 1.3 | 1.5 |
| | | | | | | 9.2 | 3.2 | 3.0 |
| | | | | | | 15.3 | 4.3 | 4.0 |
| | | | | | | 3.7 | 3.5 | 3.0 |
| | | | | | | .7 | 3.3 | 3.5 |
| | | | | | | .2 | 1.0 | 1.0 |
| | | | | | | .9 | 3.0 | 3.0 |
| | | | | | | .5 | 2.0 | 2.0 |
| | | | | | | 5.3 | 2.3 | 2.0 |
| | | | | | | 12.3 | 3.5 | 3.0 |
| | | | | | | 3.3 | 5.4 | 5.5 |
| //////////////////////////////////// | | | | | | 45.4 | //////////////////////////////// | |
| | | | | | | 100.0 | 1.0 | 3.0 |

OBSERVATIONS 543

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|--------------------------------------|--|---------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (N) 350-010 | | .3 | .4 | | | | | | | | |
| 020-040 | | 1.2 | | | | | | | | | |
| 050-070 | | 7.1 | 3.1 | .2 | | | | | | | |
| (E) 080-100 | | 11.0 | 3.6 | 1.4 | .1 | | | | | | |
| 110-130 | | 3.0 | 1.7 | .1 | | | | | | | |
| 140-160 | | 1.2 | .1 | | | | | | | | |
| (S) 170-190 | | .9 | | | | | | | | | |
| 200-220 | | .7 | | | | | | | | | |
| 230-250 | | .7 | | | | | | | | | |
| (N) 260-280 | | 4.5 | 1.2 | | | | | | | | |
| 290-310 | | 2.6 | 3.3 | .1 | | | | | | | |
| 320-340 | | 1.7 | 1.1 | .3 | | | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALC | | | | | | | | | | | |
| //////////////////////////////////// | | | | | | | | | | | |
| TOTALS | | 41.7 | 19.2 | 2.1 | .1 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 100

DAY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 7 JULY OBSERVATIONS

PERIOD OF RECORD: JUN 73 - MAY 84
 MONTH: SEP HOURS: 06-08

| WIND IN KNOTS | | | | | | TOTAL | MEAN | MEDIAN |
|--------------------------------------|-------|-------|-------|-------|-------|-------|----------------------------------|--------|
| 0-29 | 30-34 | 35-39 | 40-49 | 50-59 | 60-65 | | WIND | WIND |
| | | | | | | 1.2 | 4.3 | 4.0 |
| | | | | | | 1.2 | 2.2 | 2.0 |
| | | | | | | 10.4 | 3.7 | 3.0 |
| | | | | | | 21.1 | 4.2 | 4.0 |
| | | | | | | 4.8 | 4.1 | 4.0 |
| | | | | | | 1.3 | 2.0 | 2.0 |
| | | | | | | .9 | 2.0 | 2.0 |
| | | | | | | .7 | 1.7 | 1.5 |
| | | | | | | .2 | 2.4 | 2.5 |
| | | | | | | 5.3 | 3.3 | 3.0 |
| | | | | | | 11.7 | 3.7 | 3.0 |
| | | | | | | 3.1 | 4.4 | 4.0 |
| //////////////////////////////////// | | | | | | 35.9 | //////////////////////////////// | |
| | | | | | | 100.0 | 2.5 | 4.0 |

WIND DIRECTION: 000

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NAME: OTTAWA AFB GA
LST TO UTC: + 5

DIRECTOR
(DUGLES)

31-31.

3

1

• 7

4.1

1. 5.

3.2

• 2

• 1

2.4

1.2

1.2

1.2

CAL'

) . i

TOTAL NUMBER OF OBSERVATIONS 200

SYNOPSIS OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED 10 MINUTELY OBSERVATIONS

STATION: 10000 PERIOD OF RECORD: JUN 71 - MAY 81
 MONTH: SEP HOURS: 09-11

| | | | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|------------------|--------|
| NO. OF 10 MINUTES | | | | | | | | |
| 0-29 | 30-34 | 35-39 | 40-49 | 50-54 | OF 55 | TOTAL | MEAN | MEDIAN |
| | | | | | | 3 | WIND | WIND |
| | | | | | | 4.4 | 4.9 | 4.0 |
| | | | | | | 2.1 | 2.6 | 2.0 |
| | | | | | | 9.9 | 5.3 | 5.0 |
| | | | | | | 26.0 | 6.0 | 6.0 |
| | | | | | | 13.9 | 5.3 | 4.0 |
| | | | | | | 4.4 | 3.5 | 4.0 |
| | | | | | | 1.7 | 2.9 | 3.0 |
| | | | | | | 1.9 | 2.5 | 2.0 |
| | | | | | | 2.2 | 2.9 | 2.0 |
| | | | | | | 5.1 | 3.5 | 3.0 |
| | | | | | | 10.5 | 5.4 | 5.0 |
| | | | | | | 5.0 | 5.4 | 5.0 |
| | | | | | | | | |
| //////////////////// | | | | | | 3.5 | //////////////// | |
| | | | | | | 100.0 | 4.7 | 5.0 |

.....
 100.0 4.7 5.0

 100.0 4.7 5.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

722270
AD-1

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|---|--|---------------------|------|-------|-------|-------|-------|-------|-------|-------|--|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | |
| (N) 350-010 | | 2.1 | 2.2 | .5 | .1 | | | | | | |
| 020-040 | | 2.4 | 1.2 | | | | | | | | |
| 050-070 | | 4.4 | 3.3 | .7 | .1 | | | | | | |
| (E) 080-100 | | 5.3 | 10.4 | 2.9 | | .1 | | | | | |
| 110-130 | | 4.3 | 6.7 | 1.7 | | | | | | | |
| 140-160 | | 2.4 | 2.4 | .4 | | | | | | | |
| (S) 170-190 | | 3.1 | 1.3 | | | | | | | | |
| 200-220 | | 2.3 | .6 | | | | | | | | |
| 230-250 | | 1.4 | .7 | | | | | | | | |
| (4) 260-280 | | 4.1 | 2.4 | | | | | | | | |
| 290-310 | | 4.2 | 5.0 | .7 | .1 | | | | | | |
| 320-340 | | 3.4 | 4.3 | 2.1 | .2 | .1 | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALM ////////////////////////////////////// | | | | | | | | | | | |
| TOTALS | | 41.9 | 42.1 | 9.1 | .6 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 900

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

1-7-64 PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 12-14

SPEED IN KNOTS

| 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN
WIND | MEDIAN
WIND |
|-------|-------|-------|-------|-------|-------|-------|--------------|----------------|
| | | | | | | 5.0 | 5.6 | 5.0 |
| | | | | | | 3.7 | 3.6 | 3.0 |
| | | | | | | 9.0 | 5.2 | 5.0 |
| | | | | | | 20.2 | 6.1 | 5.0 |
| | | | | | | 12.7 | 5.9 | 5.0 |
| | | | | | | 6.7 | 4.9 | 3.0 |
| | | | | | | 4.4 | 3.6 | 3.0 |
| | | | | | | 2.9 | 3.4 | 4.0 |
| | | | | | | 2.5 | 3.7 | 3.0 |
| | | | | | | 6.6 | 4.0 | 4.0 |
| | | | | | | 11.0 | 5.4 | 5.0 |
| | | | | | | 10.3 | 5.7 | 5.0 |

//////////////////// 5.0 //////////////////
100.0 5.1 5.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH:

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | |
|------------------------|--------------------------------------|------|-------|-------|-------|-------------------------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 30-34 35-39 40-49 |
| (N) 350-010 | 2.4 | 2.2 | .4 | .1 | | |
| 020-040 | 2.7 | 1.1 | | | | |
| 050-070 | 5.1 | 4.0 | .1 | | | |
| (E) 080-100 | 5.0 | 0.2 | 1.4 | .1 | | |
| 110-130 | 4.1 | 5.1 | 1.3 | | | |
| 140-160 | 2.7 | 2.1 | .1 | | | |
| (S) 170-190 | 4.0 | 1.2 | | | | |
| 200-220 | 3.1 | 1.0 | | | | |
| 230-250 | 2.3 | .2 | | | | |
| (W) 260-280 | 3.3 | 1.5 | .1 | | | |
| 290-310 | 5.0 | 5.5 | .3 | .2 | | |
| 320-340 | 4.0 | 5.1 | 2.2 | .1 | | |
| VARIABLE | | | | | | |
| CALC | //////////////////////////////////// | | | | | |
| TOTALS | 48.9 | 40.4 | 7.3 | .9 | | |

TOTAL NUMBER OF OBSERVATIONS 900

Y. OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED 24 HOURLY OBSERVATIONS

FIG. 1 PERIOD OF RECORD: JUN 75 - MAY 86
 MONTH: SEP HOURS: 15-17

| WIND IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|---------------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | 65-69 | | | |
| | | | | | | 5.2 | 5.3 | 5.0 |
| | | | | | | 3.2 | 3.5 | 3.0 |
| | | | | | | 10.0 | 4.5 | 4.0 |
| | | | | | | 15.1 | 5.3 | 5.0 |
| | | | | | | 11.0 | 5.0 | 5.0 |
| | | | | | | 4.7 | 4.5 | 4.0 |
| | | | | | | 5.2 | 3.4 | 3.0 |
| | | | | | | 4.1 | 3.3 | 3.0 |
| | | | | | | 3.0 | 3.0 | 3.0 |
| | | | | | | 5.4 | 3.7 | 4.0 |
| | | | | | | 12.8 | 5.3 | 5.0 |
| | | | | | | 12.8 | 5.3 | 5.0 |

//////////////////// 5.3 //////////////////////
 100.0 4.5 5.0

Observations 1000

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

NO. 1
MENT

| | | WIND SPEED IN KNOTS | | | | | | | |
|------------------------|--|---------------------|-----|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| (N) 350-010 | | 1.7 | 1.3 | .2 | | | | | |
| 020-040 | | 2.0 | .4 | | | | | | |
| 050-070 | | 2.7 | 1.1 | .4 | | | | | |
| (E) 080-100 | | 7.7 | 6.7 | .2 | | | | | |
| 110-130 | | 2.2 | 2.0 | .7 | | | | | |
| 140-160 | | 1.7 | .2 | .1 | | | | | |
| (S) 170-190 | | 2.3 | .1 | .1 | | | | | |
| 200-220 | | 1.4 | .2 | .1 | | | | | |
| 230-250 | | .2 | .1 | | | | | | |
| (W) 260-280 | | 3.2 | .4 | | | | | | |
| 290-310 | | 2.1 | 1.9 | .1 | | | | | |
| 320-340 | | 5.7 | 5.2 | 1.7 | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALM | | | | | | | | | |
| TOTALS | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 200

PERIOD OF RECORD: JUN 73 - MAY 80
MONTH: SEP HOURS: 13-20

| 25-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-65 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | 5 | WIND | WIND |
| | | | | | | 3.2 | 4.7 | 4.0 |
| | | | | | | 2.4 | 2.9 | 2.0 |
| | | | | | | 11.0 | 3.1 | 2.0 |
| | | | | | | 15.1 | 4.7 | 4.0 |
| | | | | | | 5.5 | 5.2 | 4.0 |
| | | | | | | 2.7 | 4.2 | 3.5 |
| | | | | | | 2.6 | 2.4 | 2.0 |
| | | | | | | 1.3 | 3.9 | 2.5 |
| | | | | | | .4 | 2.5 | 2.0 |
| | | | | | | 3.7 | 2.2 | 2.0 |
| | | | | | | 11.1 | 3.3 | 3.0 |
| | | | | | | 13.2 | 5.3 | 5.0 |

| | | |
|--------------------------------------|-------|----------------------------------|
| //////////////////////////////////// | 25.6 | //////////////////////////////// |
| | 100.0 | 3.0 4.0 |

APPENDIX 100

OPERATING LOCATION NAME
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: COBBINS AFB GA
LST TO UTC: + 5

PERIOD
4/1/42

| | | WIND SPEED IN KNOTS | | | | | | | |
|------------------------|--------------------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 |
| (N) 350-010 | 2.7 | 1.3 | .2 | | | | | | |
| 020-040 | 2.2 | .2 | | | | | | | |
| 050-070 | 5.8 | 1.0 | .2 | | | | | | |
| (E) 080-100 | 5.6 | 4.2 | 1.3 | .2 | | | | | |
| 110-130 | 3.2 | 1.3 | | | | | | | |
| 140-160 | 1.2 | .3 | | | | | | | |
| (S) 170-190 | .7 | .3 | | | | | | | |
| 200-220 | 1.2 | .5 | | | | | | | |
| 230-250 | 1.5 | .2 | | | | | | | |
| (W) 260-280 | 2.5 | | | | | | | | |
| 290-310 | 7.5 | 2.0 | .2 | | | | | | |
| 320-340 | 3.3 | 3.3 | 1.3 | | | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | |
| TOTALS | 37.7 | 14.5 | 4.2 | .2 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 502

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

PERIOD OF RECORD: JUN 73 - MAY 85
 MONTH: SEP HOURS: 21-23

| WIND IN KNOTS | | | | | | TOTAL | MEAN | MEDIAN |
|---------------|-------|-------|-------|-------|-------|-------|------|--------|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-54 | 65-69 | S | WIND | WIND |
| | | | | | | 4.2 | 4.0 | 4.0 |
| | | | | | | 2.3 | 2.1 | 2.0 |
| | | | | | | 7.0 | 3.0 | 2.0 |
| | | | | | | 12.1 | 5.4 | 4.0 |
| | | | | | | 4.5 | 3.7 | 4.0 |
| | | | | | | 1.5 | 3.4 | 2.0 |
| | | | | | | 1.0 | 4.3 | 4.0 |
| | | | | | | 1.7 | 3.4 | 2.5 |
| | | | | | | 1.7 | 2.7 | 2.0 |
| | | | | | | 2.5 | 2.5 | 2.0 |
| | | | | | | 2.3 | 3.7 | 3.0 |
| | | | | | | 5.0 | 5.1 | 5.0 |

//////////////////////////////////// 43.5 //////////////////////////////////
 100.0 2.4 3.0

OBSERVATIONS 502

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

2001
0001

| | | WIND SPEED IN KNOTS | | | | | | | |
|-----------|---------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| (DEGREES) | | | | | | | | | |
| (N) | 350-010 | 1.3 | 1.4 | .3 | .0 | | | | |
| | 020-040 | 2.0 | .5 | .0 | | | | | |
| | 050-070 | 5.2 | 3.0 | .4 | .0 | | | | |
| (E) | 080-100 | 3.1 | 3.4 | 2.0 | .1 | .0 | | | |
| | 110-130 | 4.0 | 3.5 | .0 | .0 | | | | |
| | 140-160 | 2.0 | 1.1 | .1 | | | | | |
| (S) | 170-190 | 2.0 | .5 | .0 | | | | | |
| | 200-220 | 1.7 | .4 | .0 | | | | | |
| | 230-250 | 1.5 | .2 | | | | | | |
| (W) | 260-280 | 3.0 | 1.1 | .0 | | | | | |
| | 290-310 | 5.8 | 4.0 | .4 | .1 | | | | |
| | 320-340 | 3.1 | 4.2 | 1.3 | .1 | .0 | | | |
| VARIABLE | | | | | | | | | |
| CALC | | //////////////////////////////////// | | | | | | | |
| TOTALS | | 43.2 | 25.3 | 5.4 | .3 | | | | |

TOTAL NUMBER OF OBSERVATIONS 5649

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

STATION: 13 GA PERIOD OF RECORD: JUN 74 - MAY 88
MONTH: SEP HOURS: ALL

| WIND IN KNOTS | | | | | | TOTAL | MEAN | MEDIAN |
|---------------|-------|-------|-------|-------|-------|-------|------|--------|
| 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | 65-69 | | | |
| | | | | | | % | WIND | WIND |
| | | | | | | 3.6 | 4.9 | 4.0 |
| | | | | | | 2.5 | 3.0 | 2.0 |
| | | | | | | 9.7 | 4.1 | 4.0 |
| | | | | | | 18.5 | 5.4 | 5.0 |
| | | | | | | 4.0 | 5.3 | 5.0 |
| | | | | | | 3.3 | 4.2 | 4.0 |
| | | | | | | 2.5 | 3.2 | 3.0 |
| | | | | | | 2.1 | 3.2 | 3.0 |
| | | | | | | 1.7 | 3.0 | 3.0 |
| | | | | | | 5.1 | 3.3 | 3.0 |
| | | | | | | 11.3 | 4.4 | 4.0 |
| | | | | | | 3.7 | 5.3 | 5.0 |
| | | | | | | 22.5 | 4.4 | 4.0 |
| | | | | | | 100.0 | 3.6 | 4.0 |

REMARKS: 5669

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/4
AND/OR
VISIBILITY OF 1/2 MILE (8000 METERS) BUT LESS THAN 3 MILES (5
KIND SPEED IN KNOTS

| DIRECTION
(DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
|------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|
| (7) 350-010 | .3 | .1 | | | | | | | |
| 020-040 | 1.7 | .4 | | | | | | | |
| 050-070 | 7.0 | 5.7 | .7 | | | | | | |
| (E) 080-100 | 14.3 | 16.6 | 2.4 | .3 | | | | | |
| 110-130 | 6.7 | 7.0 | . | .1 | | | | | |
| 140-160 | 3.2 | 1.1 | .1 | | | | | | |
| (S) 170-190 | 2.2 | .6 | | | | | | | |
| 200-220 | .7 | .6 | | | | | | | |
| 230-250 | .7 | | | | | | | | |
| (4) 260-280 | 1.3 | 1.3 | | | | | | | |
| 290-310 | 2.7 | 1.4 | .3 | | | | | | |
| 320-340 | 1.2 | 1.7 | .3 | .6 | .1 | | | | |

TABLE

CALL

TOTALS 42.3 36.4 5.0 1.0 .1

TOTAL NUMBER OF OBSERVATIONS 718

1. IF THE OCCURRENCE OF EACH AND EVERY OF THE ABOVE VARIANTS AND SPOTS
2. IS TO BE FULLY INSURABLE

DATE: 7-1-80: JUL 7 - SAT 6
MONTH: SEP 1-3: ALL

1. WITH VISIBILITY OF 1/2 MILE (500 FEET).

IT LIES IN THE 3-PIECE (400 PAGES) WITH CEILING OF 200 SENT.

• • • • •

10-21 10-22 10-23 10-24 10-25 10-26 10-27 10-28 10-29 10-30 10-31 11-1 11-2 11-3 11-4 11-5 11-6 11-7 11-8 11-9 11-10 11-11 11-12 11-13 11-14 11-15 11-16 11-17 11-18 11-19 11-20 11-21 11-22 11-23 11-24 11-25 11-26 11-27 11-28 11-29 11-30 12-1 12-2 12-3 12-4 12-5 12-6 12-7 12-8 12-9 12-10 12-11 12-12 12-13 12-14 12-15 12-16 12-17 12-18 12-19 12-20 12-21 12-22 12-23 12-24 12-25 12-26 12-27 12-28 12-29 12-30 12-31

440 440

• • • • •

2.2 2.3 4.0

23.4 4. 4.7

3 7

2. 4. 7 5. 3 6. 2

4. 3. 3.

2. 2. 2. 2. 2.

1. 1. 1. 1. 1.

0.7 0.4 2.0

4.1 4.1 4.2

3. 3. 3. 3. 3.

5. 6. 7.

14. //

100.0 4.4 5.0

111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 110

OPERATING LOCATION "A"
 USAFITAC, ASHTVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE DURING
 FROM JULY 1954 TO 1957

STATION NUMBER: 722170

STATION NAME: DWS INS AREA

LST TO UTC: + 5

| | WIND SPEED IN KNOTS | | | | | | | |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| (4) 350-010 | 1.5 | .2 | | | | | | |
| 020-040 | .7 | | | | | | | |
| 050-070 | 3.5 | .7 | .2 | | | | | |
| (7) 080-100 | 5.7 | 5.9 | 1.7 | .2 | .2 | | | |
| 110-130 | 2.7 | 1.7 | .2 | | | | | |
| 140-160 | .7 | .4 | | | | | | |
| (8) 170-190 | 1.5 | | .2 | | | | | |
| 200-220 | .7 | | | | | | | |
| 230-250 | 1.7 | .2 | | | | | | |
| (6) 260-280 | 6.4 | 1.1 | | | | | | |
| 290-310 | 6.7 | 5.2 | .7 | | | | | |
| 320-340 | .2 | 3.3 | 2.2 | | | | | |
| VARIABLE | | | | | | | | |
| CALM | //////////////////// | | | | | | | |
| TOTALS | 29.5 | 10.9 | 5.2 | .2 | .2 | | | |
| TOTAL NUMBER OF OBSERVATIONS 641 | | | | | | | | |

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

PERIOD OF RECORD: JUL 78 - MAY 83
 MONTH: OCT HOURS: 03-05

DIRECTION IN KNOTS

| 15-22 | 30-36 | 37-43 | 44-49 | 50-56 | 57-63 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | % | WIND | WIND |
| | | | | | | 1.7 | 3.2 | 2.0 |
| | | | | | | .7 | 2.0 | 2.0 |
| | | | | | | 4.4 | 3.5 | 2.0 |
| | | | | | | 13.7 | 5.9 | 5.0 |
| | | | | | | 3.9 | 5.0 | 4.0 |
| | | | | | | .9 | 4.4 | 3.0 |
| | | | | | | 1.0 | 3.7 | 3.5 |
| | | | | | | .7 | 3.5 | 4.0 |
| | | | | | | 1.0 | 2.7 | 2.0 |
| | | | | | | 5.8 | 3.3 | 3.0 |
| | | | | | | 12.5 | 4.9 | 4.0 |
| | | | | | | 6.5 | 7.7 | 6.0 |

////////////////////////////////////// 45.0 //////////////////////////////////

100.0 2.7 4.0

OBSERVATIONS 941

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (N) 350-010 | 1.7 | .3 | | | | | | | | |
| 020-040 | .9 | | | | | | | | | |
| 050-070 | 4.8 | 1.0 | .3 | | | | | | | |
| (E) 080-100 | 7.0 | 7.4 | 2.5 | .4 | .1 | | | | | |
| 110-130 | 2.4 | 1.3 | .2 | | | | | | | |
| 140-160 | 1.3 | .5 | | | | | | | | |
| (S) 170-190 | 1.0 | .1 | | | | | | | | |
| 200-220 | .8 | .4 | | | | | | | | |
| 230-250 | 1.7 | .2 | | | | | | | | |
| (W) 260-280 | 4.5 | 1.5 | .2 | | | | | | | |
| 290-310 | 5.3 | 5.5 | .3 | | | | | | | |
| 320-340 | 1.5 | 3.5 | 1.5 | .2 | | | | | | |
| VARIABLE | | | | | | | | | | |
| CALC | //////////////////////////////////// | | | | | | | | | |
| TOTALS | 23.0 | 22.6 | 5.7 | .6 | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 230

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

PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: OCT HOURS: 06-08

WIND IN KNOTS

| 24-29 | 30-34 | 35-39 | 40-49 | 50-54 | 55-59 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | % | WIND | WIND |
| | | | | | | 2.0 | 3.3 | 3.0 |
| | | | | | | .7 | 2.3 | 2.0 |
| | | | | | | 7.1 | 4.0 | 3.0 |
| | | | | | | 17.4 | 5.0 | 5.0 |
| | | | | | | 4.0 | 4.7 | 4.0 |
| | | | | | | 1.7 | 3.2 | 3.0 |
| | | | | | | 1.1 | 2.5 | 2.0 |
| | | | | | | 1.2 | 3.5 | 3.0 |
| | | | | | | 1.7 | 2.7 | 2.0 |
| | | | | | | 6.3 | 3.3 | 3.0 |
| | | | | | | 11.6 | 5.1 | 5.0 |
| | | | | | | 5.3 | 7.3 | 6.0 |

//////////////////// 27.1 //////////////////

100.0 3.1 4.0

AT 0000Z 1985 43.0

OPERATING LOCATION "A"
USAFPTAC, ASHTVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: WOODS AIR BN

LST TO UTC: + 5

0014
0007

| | | WIND SPEED IN KNOTS | | | | | | | | | |
|---|---------|---------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (N) | 350-010 | 1.7 | 1.6 | 1.2 | .2 | | | | | | |
| | 020-040 | .9 | .3 | | | | | | | | |
| | 050-070 | 2.9 | 2.5 | .3 | | | | | | | |
| (E) | 080-100 | 9.4 | 10.2 | 4.9 | .5 | .4 | | | | | |
| | 110-130 | 7.4 | 6.2 | 1.7 | | | | | | | |
| | 140-160 | 2.2 | 1.7 | | | | | | | | |
| (S) | 170-190 | 2.2 | .3 | .1 | | | | | | | |
| | 200-220 | 2.5 | .3 | .2 | .1 | | | | | | |
| | 230-250 | 1.3 | 1.3 | | | | | | | | |
| (W) | 260-280 | 4.9 | 3.6 | .5 | .2 | | | | | | |
| | 290-310 | 3.4 | 5.6 | .3 | .1 | | | | | | |
| | 320-340 | 2.2 | 5.1 | 2.9 | .3 | | | | | | |
| | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | |
| CALC // | | | | | | | | | | | |
| TOTALS | | 39.3 | 39.2 | 12.5 | 1.5 | .4 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 130

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

STATION: PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: JUL HOURS: 09-11

| SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------------|-------|-------|-------|-------|-------|------------|------------------|----------------|
| 05-29 | 30-34 | 35-39 | 40-49 | 50-64 | 65-69 | | | |
| 4.7 | 6.9 | 5.0 | 1.2 | 2.5 | 3.0 | 5.0 | 4.2 | 4.0 |
| 24.5 | 6.0 | 6.0 | 15.4 | 5.5 | 5.0 | 5.9 | 4.1 | 3.0 |
| 2.6 | 3.5 | 3.0 | 3.6 | 4.5 | 3.0 | 2.3 | 3.2 | 4.0 |
| 9.4 | 5.1 | 4.0 | 10.0 | 6.0 | 5.0 | 10.0 | 7.5 | 7.0 |
| //////////////////// | | | | | | 5.2 | //////////////// | |
| | | | | | | 100.0 | 5.5 | 5.0 |

HOURLY OBSERVATIONS 0300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

1961
MAY

| | | WIND SPEED IN KNOTS | | | | | | | |
|--|--|---------------------|------|-------|-------|-------|-------|-------|-------|
| DIRECTION
(DEGREES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-49 |
| (N) 350-010 | | 1.2 | 1.9 | .3 | .1 | .1 | | | |
| 020-040 | | 1.6 | .4 | | | | | | |
| 050-070 | | 3.2 | 3.3 | .5 | | | | | |
| (E) 080-100 | | 4.4 | 7.2 | 4.4 | .5 | | | | |
| 110-130 | | 5.3 | 6.6 | 1.2 | .2 | | | | |
| 140-160 | | 4.0 | 4.2 | .1 | | | | | |
| (S) 170-190 | | 3.4 | 1.6 | .1 | | | | | |
| 200-220 | | 2.7 | 1.7 | .2 | | | | | |
| 230-250 | | 2.7 | 1.5 | .1 | | | | | |
| (W) 260-280 | | 3.2 | 4.5 | 1.2 | | | | | |
| 290-310 | | 2.5 | 5.4 | 3.2 | .4 | | | | |
| 320-340 | | 2.0 | 5.1 | 5.1 | .5 | | | | |
| | | | | | | | | | |
| VARIABLE | | | | | | | | | |
| CALC: ////////////////////////////////////// | | | | | | | | | |
| TOTALS | | 35.5 | 44.0 | 14.3 | 1.7 | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS 930

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

STA GA PERIOD OF RECORD: JUN 73 - MAY 88
 MONTH: OCT HOURS: 12-14

| SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|----------------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| 25-29 | 30-34 | 35-39 | 40-44 | 50-54 | GE 55 | | | |
| | | | | | | 3.7 | 6.2 | 5.0 |
| | | | | | | 2.0 | 3.1 | 2.0 |
| | | | | | | 6.2 | 5.2 | 5.0 |
| | | | | | | 15.6 | 7.2 | 7.0 |
| | | | | | | 13.0 | 5.5 | 5.0 |
| | | | | | | 3.3 | 4.5 | 5.0 |
| | | | | | | 4.9 | 4.2 | 3.5 |
| | | | | | | 4.7 | 5.4 | 4.0 |
| | | | | | | 3.5 | 4.0 | 3.0 |
| | | | | | | 2.8 | 5.1 | 5.0 |
| | | | | | | 12.3 | 8.0 | 5.0 |
| | | | | | | 11.8 | 7.3 | 5.0 |
| | | | | | | 3.4 | | |
| | | | | | | 100.0 | 5.2 | 5.0 |

OBSERVATIONS 230

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SHEARED
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PAGE
401

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (N) 350-010 | 1.3 | 1.4 | .5 | | | | | | | |
| 020-040 | 2.2 | .4 | | | | | | | | |
| 050-070 | 3.3 | 2.4 | .3 | | | | | | | |
| (E) 080-100 | 5.1 | 5.1 | 3.1 | .1 | | | | | | |
| 110-130 | 5.1 | 5.0 | 1.0 | | | | | | | |
| 140-160 | 3.3 | 1.2 | .1 | | | | | | | |
| (S) 170-190 | 3.1 | 1.5 | | | | | | | | |
| 200-220 | 2.5 | 2.0 | .2 | | | | | | | |
| 230-250 | 2.4 | 1.1 | .2 | | | | | | | |
| (W) 260-280 | 3.0 | 3.7 | 1.2 | .3 | | | | | | |
| 290-310 | 4.7 | 3.5 | 2.7 | | | | | | | |
| 320-340 | 2.3 | 2.1 | 1.2 | .5 | | | | | | |
| VARIABLE | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | |
| TOTALS | 30.4 | 41.5 | 13.5 | 1.0 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 330

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FOR DAILY OBSERVATIONS

034 PERIOD OF RECORD: JUN 75 - MAY 81
 MONTH: OCT HOURS: 15-17

| WIND IN KNOTS | | | | | | TOTAL
Σ | MEAN
WIND | MEDIAN
WIND |
|----------------------|-------|-------|-------|-------|-------|------------|------------------|----------------|
| 20-24 | 30-34 | 35-39 | 40-44 | 50-54 | 55-59 | | | |
| | | | | | | 3.2 | 5.7 | 5.0 |
| | | | | | | 2.5 | 3.3 | 3.0 |
| | | | | | | 5.2 | 4.4 | 4.0 |
| | | | | | | 15.3 | 5.4 | 5.0 |
| | | | | | | 12.0 | 5.4 | 5.0 |
| | | | | | | 4.5 | 3.7 | 3.0 |
| | | | | | | 4.5 | 3.5 | 4.0 |
| | | | | | | 4.3 | 4.5 | 4.0 |
| | | | | | | 3.7 | 4.3 | 4.0 |
| | | | | | | 4.2 | 5.5 | 5.0 |
| | | | | | | 15.5 | 5.5 | 7.0 |
| | | | | | | 12.7 | 3.1 | 5.0 |
| //////////////////// | | | | | | 4.1 | //////////////// | |
| | | | | | | 105.0 | 5.5 | 5.0 |

034 MONTH: OCT

OPERATING LOCATION: WAW
USAFSTAG, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722273

STATION NAME: DODD-FIS AFB GA
LST TO UTC: + 5

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | |
|-----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (U) 350-010 | .4 | 1.3 | .2 | | | | | | | |
| 020-040 | .9 | | | | | | | | | |
| 050-070 | 3.4 | .9 | .2 | | | | | | | |
| (E) 080-100 | 7.1 | 5.4 | 2.3 | .3 | | | | | | |
| 110-130 | 2.3 | 2.6 | .6 | | | | | | | |
| 140-160 | .4 | .3 | | | | | | | | |
| (S) 170-190 | .9 | .1 | | | | | | | | |
| 200-220 | .9 | .1 | | | | | | | | |
| 230-250 | 1.5 | .1 | .1 | | | | | | | |
| (W) 260-280 | 7.2 | .9 | | | | | | | | |
| 290-310 | .7 | 4.3 | .3 | | | | | | | |
| 320-340 | 3.1 | 3.1 | 1.5 | .1 | | | | | | |
| | | | | | | | | | | |
| ADDITIONAL | | | | | | | | | | |
| CALC | //////////////////////////////////// | | | | | | | | | |
| TOTALS | 27.2 | 21.1 | 5.1 | .4 | | | | | | |
| | | | | | | | | | | |
| TOTAL NUMBER OF OBSERVATIONS: 130 | | | | | | | | | | |
| | | | | | | | | | | |

THE OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

34 PERIOD OF RECORD: JUN 71 - MAY 78
 MONTH: OCT DATES: 12-20

| WIND SPEED IN KNOTS | | | | | | TOTAL
% | MEAN
WIND | MEDIAN
WIND |
|---------------------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| 0-20 | 30-34 | 35-39 | 40-49 | 50-54 | 55-59 | | | |
| | | | | | | 1.9 | 6.3 | 5.0 |
| | | | | | | .9 | 2.1 | 2.0 |
| | | | | | | 4.6 | 3.4 | 2.0 |
| | | | | | | 15.1 | 5.3 | 5.0 |
| | | | | | | 5.9 | 5.1 | 5.0 |
| | | | | | | 1.2 | 3.4 | 3.0 |
| | | | | | | 1.0 | 2.4 | 2.0 |
| | | | | | | 1.0 | 2.1 | 2.0 |
| | | | | | | 1.7 | 3.1 | 2.0 |
| | | | | | | 5.1 | 2.5 | 2.0 |
| | | | | | | 13.3 | 4.2 | 4.0 |
| | | | | | | 7.1 | 5.3 | 5.0 |

//////////////////////////////////// 35.7 //////////////////////////////////
 100.0 3.0 4.0

CONTINUED

OPERATING LOCATION "A"
USAFAC, ASH-VILLAGE

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM JULY 15 TO 21 1967

STATION NUMBER: 722270

STATION NAME: DEBRIS AREA 04
LST TO UTC: + 5

4 1 1
4 1 1

| DIRECTION
(DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | |
|--------------------------------|---------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (H) 350-010 | .2 | 1.4 | | | | | | | | |
| 020-040 | .6 | .2 | | | | | | | | |
| 050-070 | 2.1 | .3 | | | | | | | | |
| (S) 080-110 | 2.0 | 5.9 | 3.2 | .9 | | | | | | |
| 110-130 | 1.4 | 1.7 | .8 | .2 | | | | | | |
| 140-160 | 1.2 | .2 | | | | | | | | |
| (S) 170-190 | .6 | | | | | | | | | |
| 200-220 | .3 | | | | | | | | | |
| 230-250 | .2 | | | | | | | | | |
| (W) 260-280 | 1.0 | .9 | | | | | | | | |
| 290-310 | .2 | 5.9 | .2 | | | | | | | |
| 320-340 | 1.4 | 5.9 | 1.1 | | | | | | | |
| TOTALS | 2.2 | 22.2 | 9.2 | 1.1 | | | | | | |
| TOTAL NO. OF OBSERVATIONS: 100 | | | | | | | | | | |

TABLE OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 AT GLENN OBSERVATORY

PERIOD OF RECORD: JULY 7 - MAY 31
 MONTH: OCT DAYS: 21-23

WIND IN FMS

| 1-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | TOTAL | MEAN | ST. DEVIATION |
|------|-------|-------|-------|-------|-------|-------|------|---------------|
| | | | | | | 5 | 41.0 | 11.0 |
| | | | | | | 2.3 | 4.7 | 6.0 |
| | | | | | | .3 | 2.2 | 2.0 |
| | | | | | | 2.3 | 4.0 | 6.0 |
| | | | | | | 15.0 | 6.3 | 6.0 |
| | | | | | | 3.3 | 6.5 | 7.0 |
| | | | | | | 1.4 | 2.7 | 2.0 |
| | | | | | | .6 | 2.0 | 1.5 |
| | | | | | | .3 | 3.5 | 3.5 |
| | | | | | | .3 | 2.0 | 2.0 |
| | | | | | | 6.5 | 2.3 | 3.0 |
| | | | | | | 12.0 | 4.0 | 4.0 |
| | | | | | | .3 | 5.5 | 7.0 |

//////////////////////////////////// 44.1 //////////////////////////////////

100.0 2.0 6.0

END OF TABLE

OPERATING LOCATION "A"
USAFETAC, ASSEVILLE, NC

PLACENTIA FREQUENCY OF 100.10-100.15 MHz
PLACENTIA FREQUENCY OF 100.10-100.15 MHz

STATION NUMBER: 702070

STATION NAME: 100.10-100.15 MHz
EST TO UTC: + 5

| | | WIND SPEED IN KNOTS | | | | |
|----------------|---------|---------------------|------|-------|-------|-------|
| DIRECTION | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 |
| (OBSERVATIONS) | | | | | | |
| (N) | 350-010 | 1.2 | 1.2 | .4 | .1 | .0 |
| | 020-040 | 1.1 | .2 | | | |
| | 050-070 | 3.4 | 1.0 | .2 | | |
| (E) | 080-100 | 1.2 | 7.4 | 3.2 | .4 | .1 |
| | 110-130 | 4.2 | 3.3 | .2 | .1 | |
| | 140-160 | 2.1 | 1.3 | .2 | | |
| (S) | 170-190 | 1.2 | .5 | .1 | | |
| | 200-220 | 1.6 | .5 | .1 | .0 | |
| | 230-250 | 1.7 | .5 | .1 | | |
| (W) | 260-280 | 4.7 | 2.5 | .5 | .1 | |
| | 290-310 | 2.4 | 3.5 | 1.5 | .1 | |
| | 320-340 | 2.1 | 4.9 | 2.4 | .2 | |
| VARIABLE | | | | | | |
| CALC | | | | | | |
| TOTALS | | | | | | |
| | | 35.3 | 30.8 | 0.4 | 1.1 | .1 |

TOTAL NUMBER OF OBSERVATIONS 5765

10

PAID IN ADVANCE

DATE: 11/11/2010 TIME: 11:00

1.3 2.4 2.0

7.3 7.3 4.3

17.3 5.5 5.7

2. 3. 4.

3.4 4.3 4.5

2.5 3.6 3.0

2.5 4.2 4.0

2.3 2.4 3.0

7.3 4.0 4.1

12.0 0.7 0.0

9. 7.4 7.3

23.2 //

100.0 4.3 5.0

01-00000000 5056

OPERATING LOCATION: MAW
USAFETAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
WIND DURING 1150-1700

STATION NUMBER: 722270

STATION NAME: WASHFIELD AFB, GA
LST TO UTC: + 5

CATEGORY A: DRIFTING 5-200 FEET LESS THAN 1500 FEET WITH VISIBILITY 1/2 MILE
OR MORE
VISIBILITY 5/8 MILE (0.625 MILES) BUT LESS THAN 3 MILE

WIND SPEED IN KNOTS

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)

| | | | | | | | | |
|-------------|-----|------|------|-----|--|--|--|--|
| (4) 350-010 | 1.4 | .5 | | | | | | |
| 020-040 | 1.4 | | | | | | | |
| 050-070 | 3.7 | 3.6 | .7 | | | | | |
| (1) 080-100 | 7.5 | 19.2 | 11.1 | 1.2 | | | | |
| 110-130 | 3.7 | 5.4 | 1.4 | .1 | | | | |
| 140-160 | 2.2 | 2.1 | | | | | | |
| (5) 170-190 | 2.5 | .1 | .1 | | | | | |
| 200-220 | 2.1 | .5 | | | | | | |
| 230-250 | 1.2 | .5 | | | | | | |
| (4) 260-280 | 2.9 | 1.5 | .2 | | | | | |
| 290-310 | 3.2 | 3.1 | 1.1 | | | | | |
| 320-340 | 1.2 | 1.5 | 2.4 | .1 | | | | |

VARIABLE

CALM

////////////////////////////////////

TOTALS

32.3 38.7 17.4 1.4

TOTAL NUMBER OF OBSERVATIONS 102

RECORDED SURFACE WIND DIRECTION VERSUS WIND SPEED
 ONLY OBSERVATIONS

PERIOD OF RECORD: JUL 75 - MAY 86
 MONTH: OCT HOURS: ALL

WIND VISIBILITY 3 1/2 MILE (5800 METERS).

AT LESS THAN 3 MILES (4800 METERS) WITH CEILING 60 200 FEET.

IN KNOTS

| 0-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | TOTAL | MEAN | MEDIAN |
|------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | | WIND | WIND |
| | | | | | | 2.0 | 3.8 | 4.0 |
| | | | | | | 1.5 | 2.0 | 2.0 |
| | | | | | | 4.0 | 6.2 | 6.0 |
| | | | | | | 39.5 | 7.0 | 7.0 |
| | | | | | | 11.0 | 6.2 | 6.0 |
| | | | | | | 4.4 | 4.3 | 4.0 |
| | | | | | | 2.7 | 2.3 | 2.0 |
| | | | | | | 2.7 | 3.6 | 3.5 |
| | | | | | | 1.7 | 3.4 | 2.5 |
| | | | | | | 4.1 | 3.0 | 3.0 |
| | | | | | | 7.2 | 5.0 | 5.0 |
| | | | | | | 5.1 | 6.0 | 6.0 |

9.4
 100.0 5.7 5.0

OBSERVATIONS 202

OPERATING LOCATION: WAM
USAFETAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRING GUSTS
FROM DAILY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DODGING AFB, GA
LST TO UTC: + 5

.....
WIND 00-10 14 KNOTS
DIRECTION: 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44
(DEGREES)
.....
(N) 350-010
020-040
050-070
(S) 080-100 11.3 23.6 17.6
110-130 5.7 5.7
140-160 5.4
(G) 170-190
200-220
230-250
(4) 260-280
290-310
320-340
.....
VARIABLE
CALM //////////////////////////////////////
TOTALS 17.7 35.3 17.6
.....
TOTAL NUMBER OF OBSERVATIONS 17
.....

1 OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 2 DAILY OBSERVATIONS

PERIOD OF RECORD: JUN 71 - MAY 72
 MONTH: NOV HOURS: 00-02

.....
 3 IN KNOTS
 4 5 30-34 35-39 40-44 45-49 50-54 55-59 TOTAL MEAN MEDIAN
 6 WIND WIND WIND
 7
 8 5.0

9 62.0 6.1 7.0

10 11.0 4.0 4.0

11 5.0 5.0 5.0

12
 13 ////////////////////////////////////// 29.0 //////////////////////////////////////
 14 100.0 5.2 5.0

15 OBSERVATIONS 17
 16

OPERATING LOCATION "A"
 DEARBORN, MICHIGAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 EACH SPEED OBSERVATION

STATION NUMBER: 702270

STATION NAME: DEARBORN, MI
 EST TO UTC: + 5

| | MILE SPEED IN MPH | | | | | | | | | |
|---------------------|-------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| SECTION
(SPEEDS) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| (4) 350-360 | 1.1 | .4 | | | | | | | | |
| 370-380 | 1.1 | .4 | | | | | | | | |
| 390-400 | 2.7 | .4 | | | | | | | | |
| (5) 410-420 | 6.7 | 7.7 | 1.7 | .4 | | | | | | |
| 430-440 | 6.7 | 1.1 | | .4 | | | | | | |
| 450-460 | .4 | 1.1 | .7 | | | | | | | |
| (5) 470-480 | 1.4 | .4 | | | | | | | | |
| 490-500 | 1.4 | .7 | | | | | | | | |
| 510-520 | 1.7 | | | | | | | | | |
| (4) 530-540 | 4.3 | 1.4 | | | | | | | | |
| 550-560 | 6.7 | 6.7 | 2.1 | .4 | | | | | | |
| 570-580 | .7 | 2.4 | 3.2 | .4 | | | | | | |

| | | | | | | | | | | |
|------------------------------|--------------------------------------|------|-----|-----|--|--|--|--|--|-----|
| | | | | | | | | | | |
| VARIABLE | | | | | | | | | | |
| CALC | //////////////////////////////////// | | | | | | | | | |
| TOTALS | 33.7 | 21.1 | 7.2 | 1.4 | | | | | | |
| | | | | | | | | | | |
| TOTAL NUMBER OF OBSERVATIONS | | | | | | | | | | 212 |
| | | | | | | | | | | |

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM VISUAL OBSERVATIONS

1A

PERIOD OF RECORD: JUN 71 - MAY 72
 MONTH: NOV HOURS: 03-05

WIND SPEEDS

| 21-24 | 25-28 | 29-32 | 33-36 | 37-40 | 41-44 | 45-48 | TOTAL | MEAN | MEDIAN |
|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | | | | | WIND | WIND |
| | | | | | | | 1.4 | 3.3 | 3.0 |
| | | | | | | | 1.4 | 3.3 | 3.0 |
| | | | | | | | 3.2 | 3.2 | 2.0 |
| | | | | | | | 14.5 | 5.3 | 5.0 |
| | | | | | | | 5.5 | 5.5 | 4.0 |
| | | | | | | | 2.1 | 2.1 | 1.0 |
| | | | | | | | 1.7 | 3.3 | 4.0 |
| | | | | | | | 2.1 | 3.3 | 4.0 |
| | | | | | | | 1.7 | 2.4 | 2.0 |
| | | | | | | | 5.7 | 3.5 | 3.0 |
| | | | | | | | 17.7 | 5.4 | 5.0 |
| | | | | | | | 7.1 | 5.0 | 4.0 |

//////////////////// 26.2 //////////////////////
 100.0 3.5 4.0

OBSERVATIONS 212

OPERATING LOCATION NAME
USA-ETAG, 273 VILLAGE

DATE MADE BY AGENCY: 11/25/1964
TIME: 10:00 AM

STATION NUMBER: 72273

STATION NAME: LEXINGTON

EST. DATE: 1/6

| | | QUANTITIES OF MATERIALS | | | | | | | |
|------------------------|--|--------------------------------------|------|-------|-------|-------|-------|-------|-------|
| LOCATION
(OBSERVES) | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 |
| (1) 350-310 | | .4 | .2 | .2 | | | | | |
| 320-340 | | .7 | .2 | .1 | | | | | |
| 360-370 | | 1.1 | .2 | .2 | | | | | |
| (2) 340-390 | | 1.3 | 1.3 | 1.3 | | | | | |
| 110-140 | | 4.0 | 2.7 | .6 | .1 | | | | |
| 140-150 | | .7 | 1.3 | .2 | | | | | |
| (3) 170-190 | | 1.1 | .2 | | | | | | |
| 200-220 | | 1.1 | .2 | | | | | | |
| 230-250 | | 1.7 | .2 | | | | | | |
| (4) 260-280 | | 3.2 | 1.7 | | | | | | |
| 290-310 | | 2. | 2.2 | 1.3 | | | | | |
| 320-340 | | 1.2 | 2.7 | .2 | .6 | .1 | | | |
| VARIABLE | | | | | | | | | |
| CALC | | //////////////////////////////////// | | | | | | | |
| TOTALS | | 32.3 | 24.5 | 3.2 | .6 | .1 | | | |
| | | TOTAL NUMBER OF TEST MATERIALS: 200 | | | | | | | |

E

1

●

1

— 19 —

DEPARTING LOCATION "A"
JEANETTE, ALBUQUERQUE, NM

PERCENTAGE OF DEFENSE OF MILES FROM "A" TO "B"
7.0 (10.0) 1.0 (1.0) 1.0 (1.0)

STATION NUMBER: 222071

STATION NAME: JAVIERA AREA CA
EST TO JTD: + 0

| | | | | | | | | | |
|-------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DATE: JUN 7 1964
TIME: 09-11

```

//////////////////////////////////// 11.2 ///////////////////////////////////
                                     100.0    5.7    5.0

```

REMARKS.

OPERATING LOCATION "AA"
USAFOTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM 4,000 TO 5,000 FEET

STATION NUMBER: 702270

STATION NAME: CORPINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010		1.0	1.2	.7	.2						
020-040		1.3	.3								
050-070		2.6	1.0	.3							
(E) 080-100		4.0	5.7	2.1							
110-130		4.7	5.3	1.7							
140-160		3.1	4.7	1.4							
(S) 170-190		2.0	2.1	.4							
200-220		2.1	1.7	.4							
230-250		2.4	2.7	.2							
(W) 260-280		2.2	2.9	.7	.2						
290-310		3.2	3.1	4.2	.4						
320-340		1.3	5.3	4.3	1.3	.1					
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		30.9	44.9	17.9	2.1	.1					

TOTAL NUMBER OF OBSERVATIONS 600

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

STATION: 1A PERIOD OF RECORD: JUN 72 - MAY 83
MONTH: NOV HOURS: 12-14

WIND SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
20-24	25-29	30-34	35-39	40-44	45-49			
						3.1	7.5	3.0
						2.1	3.3	3.0
						4.7	4.3	4.0
						12.2	6.4	6.0
						12.1	5.7	6.0
						3.2	5.3	6.0
						4.6	5.5	6.0
						4.2	5.2	4.5
						5.3	5.1	6.0
						5.2	6.2	6.0
						15.3	7.7	7.0
						13.9	9.0	9.0
////////////////////						4.3	////////	
						100.0	6.3	6.0
OBSERVATIONS						900		

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM 100%LY AND AVERAGE

STATION NUMBER: 722070

STATION NAME: JOHNS AFB GA
LST TO DTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.1	.3	.1					
020-040	1.3	.4						
050-070	1.7	1.3						
(E) 080-100	3.2	7.0	2.2					
110-130	4.3	5.2	1.7					
140-160	3.0	5.3	1.1					
(S) 170-190	2.7	2.1	.2					
200-220	1.2	1.9	.2					
230-250	2.2	1.3						
(W) 260-280	2.3	2.7	.2					
290-310	2.3	2.9	4.7	.9				
320-340	2.4	5.1	4.5	.7	.3			

.....
VARIABLE

CALC

////////////////////////////////////

TOTALS

22.5 44.5 13.4 1.9 .3

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION: 144-6A PERIOD OF RECORD: JUL 74 - MAY 78
MONTH: NOV HOURS: 16-17

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
24-27	30-34	35-39	40-43	44-54	55-65			
						2.0	4.6	4.0
						1.8	3.6	3.6
						3.2	4.2	4.0
						12.4	6.7	7.0
						11.2	5.0	6.0
						10.6	5.0	5.0
						6.0	4.5	4.0
						3.2	5.0	5.0
						3.7	3.2	4.0
						5.6	5.4	5.0
						18.2	7.3	7.0
						14.1	4.5	4.0
////////////////////						7.3	////////	////////
						100.0	5.9	5.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFHAF, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	1.0	.2	.4							
020-040	1.1	.1								
050-070	2.1	1.1	.3							
(E) 080-100	3.0	5.9	1.0							
110-130	4.0	4.1	.9	.1						
140-160	2.2	.9	.7							
(S) 170-190	2.1	.4	.1							
200-220	1.1	.3								
230-250	.5	.1								
(W) 260-280	3.2	1.1	.1							
290-310	7.1	7.3	2.2	.4						
320-340	3.3	5.5	3.7	.2						
VARIABLE										
CALL	////////////////////									
TOTALS	31.7	27.3	9.4	.7						

TOTAL NUMBER OF OBSERVATIONS 200

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

STATION: AFW 34 PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: NOV HOURS: 18-20

WIND SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
0-29	30-34	35-39	40-49	50-64	GE 65			
.....						1.7	5.2	4.0
						1.2	3.1	2.0
						3.5	4.4	4.0
						10.8	5.3	5.0
						9.1	5.5	5.0
						3.5	4.0	4.0
						2.7	3.2	2.0
						1.4	2.3	2.0
						.7	2.3	2.5
						4.4	3.5	3.0
						17.1	5.3	5.0
						13.0	7.0	5.0
.....								
////////////////////////////////////						30.5	////////////////////////////////	
						100.0	3.3	5.0

OBSERVATIONS 200

OPERATING LOCATION "A"
USAFHAF, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.4						
020-040	1.0	.1						
050-070	1.3	.4	.2	.1				
(E) 080-100	3.5	5.1	1.2	.1				
110-130	2.3	4.1	1.1	.5				
140-160	1.7	.0	.2					
(S) 170-190	1.5	.6	.2					
200-220	1.1	.2	.1					
230-250	1.0	.1						
(4) 260-280	4.3	.5						
290-310	5.4	5.3	1.3	.2				
320-340	1.5	5.2	4.1	.5	.5			
VARIABLE								
CALM	////////////////////////////////////							
TOTALS	27.2	23.5	9.0	1.5	.3			

TOTAL NUMBER OF OBSERVATIONS 990

Y. F. OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

DATE: NOV 1978 PAGES: 21-23

REF ID: A4775

20-29	30-34	35-39	40-49	50-54	55-59	TOTAL %	MEAN WIND	MEDIAN WIND
.....						1.2	4.8	4.0
.....						1.1	3.1	3.0
.....						2.1	6.2	4.0
.....						10.5	6.5	6.0
.....						7.1	6.6	7.0
.....						2.3	4.6	4.0
.....						2.3	3.9	2.0
.....						1.4	3.6	3.0
.....						1.1	2.3	2.0
.....						5.5	3.1	3.0
.....						13.7	6.4	6.0
.....						11.5	3.7	3.0

```
//////////////////////////////////////////////////////////////////// 33.5 //////////////////////////////////////////////////
```

REVIEWS 409

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(DEGREES)											
(N) 350-010		1.0	.5	.3	.1						
020-040		1.1	.3	.0							
050-070		2.3	1.2	.3	.0						
(E) 080-100		4.7	5.5	2.0	.1						
110-130		4.1	4.5	1.1	.2						
140-160		2.3	2.5	.3							
(S) 170-190		1.3	1.1	.2							
200-220		1.4	1.0	.1							
230-250		1.7	1.0	.1							
(W) 260-280		3.3	1.7	.3	.0						
290-310		5.3	7.5	3.0	.5	.0					
320-340		1.0	5.0	4.3	.7	.2					
.....											
VARIABLE											
CAL 4 //////////////////////////////////////											
TOTALS		30.0	32.0	12.0	1.6	.2					

TOTAL NUMBER OF OBSERVATIONS 5699

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

STATION: 04 PERIOD OF RECORD: JUN 74 - MAY 84
 MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL	MEAN	MEDIAN
							WIND	WIND
						1.9	5.3	4.0
						1.4	3.5	3.0
						3.0	4.4	4.0
						13.3	5.2	5.0
						9.9	5.3	5.0
						5.7	5.5	5.0
						3.0	4.4	4.0
						2.3	4.5	4.0
						2.7	4.1	4.0
						5.4	4.4	4.0
						15.3	5.5	5.0
						12.0	4.5	4.0

////////////////////////////////////// 21.3 //////////////////////////////////
 100.0 4.3 5.0

OBSERVATIONS 5699

OPERATING LOCATION: "A"
 USARFAC, ASHCVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE: 50%
 - 20% DAILY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DUBINS AND SA
 LST TO UTC: + 5

CATEGORY A: CEILING 500 BUT LESS THAN 1500 FEET WITH VISIBILITY 1/2 MILE (0.8 KM) BUT LESS THAN 3 MILES (4.8 KM)
 AND/OR
 VISIBILITY 1/2 MILE (0.8 KM) BUT LESS THAN 3 MILES (4.8 KM)

		WIND SPEED IN KNOTS							
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(OBSERVED)									
(4)	350-010	.2	.3	.3					
	020-040	1.2	.5	.1					
	050-070	2.1	2.7	.1					
(5)	080-100	5.2	14.5	5.0	.1				
	110-130	3.2	5.5	2.0	.7				
	140-160	1.5	1.3	.7					
(5)	170-190	1.5	.4	.1					
	200-220	2.2	1.3	.1					
	230-250	1.5	.5						
(4)	260-280	2.7	2.4	.6					
	290-310	4.4	4.5	2.1	.6				
	320-340	2.2	5.1	2.7	.5				

VARIABLE

CALM

////////////////////////////////////

TOTALS

29.5 41.8 15.1 1.5

TOTAL NUMBER OF OBSERVATIONS 1966

1. OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 DAILY OBSERVATIONS

PERIOD OF RECORD: JUN 74 - MAY 84
 MONTH: NOV HOURS: ALL

WITH VISIBILITY OF 1/2 MILE (800 METERS).

LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

IN KNOTS

01-30	31-39	40-49	50-59	60-69	TOTAL	MEAN	MEDIAN
						WIND	WIND
					1.5	5.1	4.0
					1.7	4.0	3.0
					5.3	5.0	5.0
					25.0	7.2	7.0
					13.4	7.0	7.0
					5.0	4.9	4.0
					2.5	4.2	4.0
					3.4	3.0	4.0
					2.4	4.0	4.0
					5.6	5.3	5.0
					11.0	5.3	5.0
					10.0	7.5	7.0

11.4

100.0 5.7 5.0

OBSERVATIONS 1986

OPERATING LOCATION "A"
 USARFAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF RECORDING - SURFACE
 4-5% DAILY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DURING APR 64
 LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(4) 350-010	.4	.3	.7							
020-040	.4	.4								
050-070	.4	.4								
(5) 080-110	4.5	5.5	.7							
110-130	3.4	2.8	1.5							
140-160	1.2	.3	.4							
(6) 170-190	1.2	.8								
200-220	1.2	.4								
230-250	1.2									
(7) 260-280	3.2	.4								
290-310	3.7	13.5	1.5	.4						
320-340	2.4	5.3	5.5	.3	.4					
.....										
VARIABLE										
////////////////////////////////////										
TOTALS	27.2	31.5	11.7	1.2	.4					
.....										
TOTAL NUMBER OF OBSERVATIONS 247										
.....										

243

3.1.2.2. *Keynotes*

WATINGS 247

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM WINDLEY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DUBBINS ARB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 000-010	.2	.7	.5							
020-040	.5	.2	.2							
050-070	1.2	.5								
(E) 080-100	2.5	5.4	3.0							
110-130	2.0	3.3	.2	.1						
140-160	1.5	1.0	.2							
(S) 170-190	.7	.2	.1							
200-220	.2	.7	.2							
230-250	1.2	.5								
(O) 260-280	5.4	1.4				.1				
290-310	5.0	5.2	3.7	.4						
320-340	3.3	5.2	5.4	1.1						
VARIABLE										
CALM	////////////////////////////////////									
TOTALS	27.2	25.9	16.3	1.5	.1					

TOTAL NUMBER OF OBSERVATIONS 513

1. OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 2. HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 76 - MAY 83
 MONTH: DEC HOURS: 06-03

.....								
3 IN KNOTS								
0-12	13-24	25-32	33-42	43-54	55-65	TOTAL	MEAN	MEDIAN
.....								
						1.6	7.2	3.0
						1.0	5.6	4.0
						2.3	3.2	3.0
						12.2	6.0	7.0
						6.8	6.3	6.0
						2.7	4.2	4.0
						1.1	4.2	3.0
						1.4	5.3	5.0
						1.4	3.5	3.0
						7.2	3.6	3.0
						13.2	5.7	6.0
						15.0	2.7	4.5
.....								
////////////////////						27.6	////////	
						100.0	4.7	5.0

3. OBSERVATIONS 613

OPERATING LOCATION "AM"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010		1.0	1.4	1.4							
020-040		.2	.5	.6							
050-070		1.5	.6	.1							
(E) 080-100		4.1	5.2	3.0	.2						
110-130		4.4	5.8	2.8	.4						
140-160		2.3	2.0	.0	.1						
(S) 170-190		1.2	1.0	.1							
200-220		2.2	1.0								
230-250		2.1	.2								
(W) 260-280		4.2	4.5	.7							
290-310		3.0	5.9	4.7	.4						
320-340		1.0	4.0	5.0	2.1	.0					
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		22.5	34.8	20.3	3.2	.0					

TOTAL NUMBER OF OBSERVATIONS 313

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FOR HOURLY OBSERVATIONS

STATION: 100A PERIOD OF RECORD: JUN 75 - MAY 80
 MONTH: DEC HOURS: 00-11

WIND SPEED IN KNOTS						TOTAL	MEAN	MEDIAN
25-29	30-34	35-39	40-49	50-54	GE 55	%	WIND	WIND
						3.7	7.1	7.5
						2.0	6.4	7.0
						2.2	3.9	3.0
						12.4	6.9	7.0
						13.4	6.5	6.0
						5.3	6.0	5.0
						2.3	4.1	4.0
						3.2	4.2	4.0
						3.0	4.0	3.0
						2.5	5.1	5.0
						15.9	7.4	7.0
						15.4	10.1	10.0
////////////////////						11.5	////////////////	////////////////
						100.0	5.1	5.0

OBSERVATIONS 913

OPERATING LOCATION "AM"
JSAFFAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N)	350-010	1.1	1.3	1.5	.1						
	020-040	.9	.6	.1	.1						
	050-070	1.2	.7								
(E)	080-100	2.2	3.3	2.3	.5						
	110-130	3.6	7.4	2.6	.4	.1					
	140-160	2.6	2.6	.5	.1						
(S)	170-190	2.2	2.3								
	200-220	2.6	2.6	.2							
	230-250	2.2	2.7	.4							
(W)	260-280	3.6	5.3	2.0	.2						
	290-310	2.7	6.4	4.4	1.5	.4					
	320-340	1.4	5.7	5.9	2.0	.5					
.....											
VARIABLE											
CALM		////////////////////////////////////									
TOTALS		26.7	41.3	20.9	4.9	1.1					
.....											
TOTAL NUMBER OF OBSERVATIONS										813	
.....											

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

AS GA PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: DEC HOURS: 12-14

SPEED IN KNOTS						TOTAL	MEAN	MEDIAN
25-29	30-34	35-39	40-49	50-64	65-69	%	WIND	WIND
						4.6	7.7	8.0
						1.7	5.1	4.0
						2.0	4.4	4.0
						8.4	7.7	8.0
						14.0	7.1	6.5
						6.0	5.5	4.0
						4.6	4.6	5.0
						5.9	4.7	5.0
						5.3	5.1	5.0
						11.1	5.5	5.0
						15.4	6.7	8.0
						15.5	10.2	10.0
						4.7		
						100.0	7.0	7.0
OBSERVATIONS						813		

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: Dobbins AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010		.7	1.3	1.5	.2						
020-040		.7	.5	.1							
050-070		1.8	.7								
(E) 080-100		2.5	4.4	2.1	.1						
110-130		2.7	5.2	1.3	.2						
140-160		3.2	2.5	.4	.1						
(S) 170-190		2.3	1.5								
200-220		3.0	1.7	.4							
230-250		2.2	2.5	.4							
(W) 260-280		4.3	4.1	1.1							
290-310		3.4	3.0	5.2	.5	.5					
320-340		2.7	5.0	7.6	1.2						
.....											
VARIABLE											
CALM //////////////////////////////////////											
TOTALS		30.7	39.0	20.6	2.3	.5					

TOTAL NUMBER OF OBSERVATIONS 213

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

AFB GA PERIOD OF RECORD: JUN 78 - MAY 88
 MONTH: DEC HOURS: 15-17

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-49	50-64	GE 65			
.....						4.3	5.6	9.0
.....						1.4	4.6	4.0
.....						2.6	3.4	3.0
.....						9.2	6.8	7.0
.....						10.9	7.1	7.0
.....						7.0	4.9	4.0
.....						3.8	3.9	4.0
.....						5.0	4.4	4.0
.....						5.0	5.3	5.0
.....						9.5	5.5	5.0
.....						13.0	6.1	6.0
.....						16.5	9.2	10.0
.....								
////////////////////////////////////						5.5	////////////////////////////////	
.....						100.0	5.4	5.0

OBSERVATIONS 213

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	.9	2.7	.5							
020-040	.2	.4								
050-070	.7	.2								
(E) 080-100	3.1	3.1	1.5	.1						
110-130	3.3	4.3	1.4	.2						
140-160	2.1	1.2								
(S) 170-190	1.1	.5		.1						
200-220	1.4	.7								
230-250	1.5	.5								
(W) 260-280	5.2	1.3	.2							
290-310	4.3	4.7	3.1	.4						
320-340	3.5	5.5	5.5	.6						
VARIABLE										
CALM	////////////////////									
TOTALS	22.5	27.3	12.5	1.4						
TOTAL NUMBER OF OBSERVATIONS 313										

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

AS 64 PERIOD OF RECORD: JUN 73 - MAY 80
MONTH: DEC HOURS: 13-20

WIND IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
20-29	30-34	35-39	40-49	50-64	GE 65			
						4.1	5.2	5.0
						.6	5.0	5.0
						1.0	3.4	3.0
						4.1	5.2	5.5
						10.2	5.4	6.0
						3.3	4.0	4.0
						1.7	3.9	3.0
						2.1	3.3	4.0
						2.7	3.4	3.0
						5.2	3.4	2.0
						12.9	5.6	6.0
						16.4	3.2	3.0

//////////////////////////////////// 29.2 //////////////////////////////////
100.0 4.3 5.0

OBSERVATIONS 313

OPERATING LOCATION: WAW
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

0.21
12.7

		WIND SPEED IN KNOTS									
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N)	350-010	.5	1.1	.5							
	020-040	.5	.2								
	050-070	1.2	.4								
(E)	080-100	2.5	2.7	2.5	.1						
	110-130	3.2	4.5	1.6							
	140-160	1.2	.4	.5							
(S)	170-190	1.5	.4	.1							
	200-220	.2	.5	.1							
	230-250	1.7	.2								
(W)	260-280	5.2	1.2	.4							
	290-310	3.3	5.3	4.1	.1	.1					
	320-340	2.3	5.0	5.0	.5	.1					
.....											
VARIABLE											
.....											
CALM		////////////////////////////////////									
TOTALS		25.7	24.0	15.0	.7	.2					
.....											
TOTAL NUMBER OF OBSERVATIONS 813											
.....											

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

STATION: 34 PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: DEC HOURS: 21-23

SPEEDS IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
25-29	30-34	35-39	40-44	45-49	50-54	55-59			
							2.3	6.9	7.0
							.7	3.2	2.5
							1.5	3.2	2.0
							7.7	7.0	6.0
							9.3	5.4	5.0
							2.2	5.4	4.0
							2.1	3.6	2.0
							1.5	4.7	4.0
							2.0	3.1	3.0
							7.7	3.4	3.0
1							14.4	7.4	7.0
1							15.9	5.5	5.0
////////////////////////////////////							33.7	////////////////////////////////	
							100.0	4.4	5.0

OBSERVATIONS 413

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACED
FROM HIGHLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA
LST TO UTC: + 5

		WIND SPEED IN KNOTS									
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(DEGREES)											
(N)	350-010	.7	1.6	1.0	.1						
	020-040	.6	.4	.2	.0						
	050-070	1.4	.5	.0							
(E)	080-100	2.2	4.4	2.4	.2						
	110-130	3.2	5.3	1.1	.2	.0					
	140-160	2.2	1.5	.4	.1						
(S)	170-190	1.5	1.5	.1	.0						
	200-220	1.1	1.0	.2							
	230-250	1.1	1.2	.1							
(W)	260-280	5.0	2.4	.7	.0	.0					
	290-310	4.4	7.0	4.1	.5	.2					
	320-340	2.5	3.5	4.3	1.2	.2					
.....											
VARIABLE											
CALC //											
TOTALS		27.9	32.7	17.3	2.3	.4					

TOTAL NUMBER OF OBSERVATIONS 5131

NOY 14 OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HIGHLY OBSERVATIONS

PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: DEC YEARS: ALL

WINDS IN KNOTS						TOTAL	MEAN	MEDIAN
20-24	25-29	30-34	35-39	40-49	50-54			
						3.4	7.4	7.0
						1.2	6.2	4.0
						1.2	3.5	3.0
						2.9	5.9	5.5
						10.5	5.7	5.0
						6.3	5.2	4.0
						2.5	4.2	4.0
						3.1	4.7	4.0
						3.1	6.4	6.0
						1.7	4.5	4.0
						15.1	7.4	7.0
						13.1	9.2	9.0
////////////////////						12.3	////////	////////
						100.0	5.4	5.0

NOVEMBER 1981

OPERATING LOCATION "AA"
USAFETAC, ASHCVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE STARTING
FROM JULY OBSERVATION

STATION NUMBER: 722270

STATION NAME: JOHNS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY 3/4
AND/OR
VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 3 MILES

WIND SPEED IN KNOTS
DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39
(DEGREES)

(N) 350-010	1.4	1.7	.9				
020-040	.7	.2	.1				
050-070	1.0	1.0					
(E) 080-100	4.1	7.2	3.2	.1			
110-130	9.5	11.4	4.8	.6	.1		
140-160	2.0	1.9	1.1	.9			
(S) 170-190	1.9	1.2	.9				
200-220	2.5	1.5	.2				
230-250	2.5	.3					
(W) 260-280	2.5	2.0	.7	.1	.1		
290-310	2.5	3.7	5.5	.7			
320-340	2.5	4.1	3.2	.3			

VARIABLE

CALC //

TOTALS 21.7 37.1 19.5 2.2 .2

TOTAL NUMBER OF OBSERVATIONS 105

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

AF 5 GA PERIOD OF RECORD: JUN 78 - MAY 84
 MONTH: J C HOURS: ALL

.....
 FEET WITH VISIBILITY GE 1/2 MILE (0-99 METERS).

NOT LESS THAN 3 MILES (400 METERS) WITH CEILING GE 200 FEET.

.....
 SPEED IN KNOTS

20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 TOTAL MEAN MEDIAN

.....
 S WIND WIND

.....
 3.5 5.7 5.0

.....
 1.1 4.0 3.0

.....
 2.0 4.4 4.5

.....
 14.7 5.4 5.5

.....
 21.5 7.0 7.0

.....
 5.6 5.5 5.0

.....
 3.5 4.5 4.0

.....
 4.2 4.4 4.0

.....
 3.0 3.5 3.0

.....
 5.3 5.0 5.0

.....
 12.2 5.6 5.0

.....
 11.1 5.0 5.0

.....
 ////////////////////////////////// 12.0 //////////////////////////////////

.....
 100.0 5.0 5.0

.....
 OBSERVATIONS 305

OPERATING LOCATION NAME
USAFDTAG, ASHTVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(0) 350-010	1.2	1.2	.6	.1	.0	.0		
020-040	1.1	.3	.0	.0	.0			
050-070	2.7	1.2	.2	.0				
(1) 080-100	4.4	4.9	1.9	.2	.0			
110-130	3.8	3.3	1.1	.1	.0			
140-160	2.3	1.9	.4	.0				
(5) 170-190	2.4	1.0	.1	.0				
200-220	2.4	1.1	.2	.0				
230-250	2.5	1.0	.1	.0				
(4) 260-280	5.3	2.7	.7	.1	.0	.0		
290-310	5.2	5.5	2.3	.5	.1	.0	.0	
320-340	2.7	5.2	3.7	.5	.1			
VARIABLE								
CALM	////////////////////////////////////							
TOTALS	36.4	30.9	11.2	1.7	.2			

TOTAL NUMBER OF OBSERVATIONS: 67227

10Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

AREA: SA PERIOD OF RECORD: JUN 74 - MAY 83
 MONTH: ALL HOURS: ALL

SPEED IN KNOTS						TOTAL	MEAN	MEDIAN
20-29	30-34	35-39	40-49	50-54	55-59			
.....								
						%	WIND	WIND
.....								
.0						3.2	5.3	5.0
						1.4	3.6	3.0
						4.1	4.0	3.0
						11.4	4.1	6.0
						2.5	5.8	5.0
						4.7	5.1	4.0
						3.5	4.0	4.0
						3.7	4.2	4.0
						3.5	3.9	3.0
.0						3.9	4.7	4.0
.0 .0						16.0	5.5	5.0
						12.3	4.0	4.0
.....								
////////////////////////////////////						15.3	////////////////////////////////	
						100.0	4.7	5.0
OBSERVATIONS: 67227								
.....								

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
AND/OR
VISIBILITY GE 1/2 MILE (8000 METERS) BUT LESS THAN 3 MILES (4

	WIND SPEED IN KNOTS							
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34
(U) 350-010		.3	.5	.2	.1			
020-040		1.0	.3	.0	.0			
050-070		3.6	2.5	.5	.0			
(E) 080-100		6.6	12.3	6.0	.7	.1		
110-130		4.5	7.3	2.5	.4	.0		
140-160		2.4	2.2	.4	.1			
(S) 170-190		2.7	.0	.1	.0			
200-220		2.5	1.1	.1				
230-250		2.2	.5	.0				
(W) 260-280		3.4	1.7	.5	.1	.0		
290-310		3.0	3.3	2.2	.0	.1		.0
320-340		1.3	3.0	2.2	.4	.0		

VARIABLE

CALM

TOTALS

34.3 35.4 14.5 2.3 .2

TOTAL NUMBER OF OBSERVATIONS: 3530

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

AFB GA PERIOD OF RECORD: JUN 74 - MAY 84
MONTH: ALL HOURS: ALL

.....
FEET WITH VISIBILITY GE 1/2 MILE (8000 METERS).

.....
S) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

.....
SPEED IN KNOTS

.....
25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN

.....
WIND WIND

.....
1.8 5.7 5.0

.....
1.5 3.8 3.0

.....
5.5 5.0 4.0

.....
25.5 7.2 7.0

.....
14.9 5.4 5.0

.....
5.5 5.2 4.0

.....
3.2 3.7 3.0

.....
3.3 3.9 4.0

.....
2.8 3.5 3.0

.....
5.3 4.9 4.0

.....
9.5 7.4 7.0

.....
7.2 3.3 4.0

.....
//////////////////// 11.5 //////////////////

.....
100.0 5.6 5.0

.....
OBSERVATIONS: 3630

.....

kkkkkkkk
kkkkkkkk
kk kk
kk kk
kkkkkkkk
kkkkkkkk
kk
kk
kk
kk
kk

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAAAA
AAAAAAAAAA
AA AA
AA AA
AA AA
AA AA

rrrrrrrr
rrrrrrrr
rr rr
rr rr
rrrrrrrr
rrrrrrrr
rr rr
rr rr
rr rr
rr rr
rr rr

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

PART D

CEILING VERSUS VISIBILITY AND SKY COVER

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF)
 CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS
 OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FEET
 "N" CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY
 (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILE.
 TABLES SUMMARIZE THE DATA AS FOLLOWS:

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

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

NOTE 1: IN JANUARY 1963, METAR STATIONS BEGAN REPORTING
 MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING METAR
 THAN 5000 FEET AND/OR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = 1.609
 FOR CONVENIENCE, THE CONVERSION FACTOR USED IS 1.6

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
 ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY
 OCCURRENCE FREQUENCY (POF) OF SKY COVER IN CLOUDS
 AS CLEAR, SCATTERED, PARTLY, OVERCAST, PARTIALLY
 OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS
 POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 50%
 SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR

PART 2

VISIBILITY AND SKY COVER SUMMARIES

OF OCCURRENCE FREQUENCY (POF).

ADDITIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--
CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE
AS FOLLOWS:

AND TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

(1) ALL HOURS COMBINED).

(2) ALL HOURS COMBINED).

FROM THESE SUMMARIES, IT IS POSSIBLE TO
OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING
CLASS SEPARATELY OR IN ANY COMBINATION.
LEFT AND FROM BOTTOM TO TOP. TO DETERMINE
EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY).
TO REFER TO THE BOTTOM ROW (ZERO CEILINGS).
EXCEEDS ANY GIVEN SET OF MAXIMUM BY READING
THE APPROPRIATE CEILING ROW AND VISIBILITY

THE STATIONS BEGAN REPORTING VISIBILITIES TO 5 STATUTE
MILES EXCEEDING 5000 METERS ARE REPORTED AS "9999."

ALL STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER
THE 5000 FEET CLASS.

= 1,000.344 METERS = .669301 NAUTICAL MILES.
USUAL ONE USED IS 1 STATUTE MILE = 1,600 METERS.

OF FREQUENCY.

OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
1/8, OVERCAST, PARTIALLY OVERCAST, OR TOTALLY
TENDS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
THAT ONE-HALF (I.E., 5/10). DATA IS SUMMARIZED IN
C.

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, ASHTVILLE- NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
RPT. DURING 1967-1970

STATION NUMBER: 722270

STATION NAME: DORRINS AREA TA
LST TO UTC: + 5

CEILING						VISIBILITY IN STATUTE MILES					
IN FEET	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 1/2
NO CEIL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 20000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 18000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 16000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 14000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 12000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 10000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 9000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 8000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 7000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 6000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 5000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 4500	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 4000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 3500	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 3000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 2500	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 2000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1800	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1600	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1400	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1200	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 900	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 800	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 700	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 600	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 500	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 400	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 300	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 200	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 100	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0

TOTAL NUMBER OF OBSERVATIONS 20

A

2 - 2 - 1

AGENCY OF BOOFA-LOF OF CHILING MARCH VISIBILITY
OF BOOFA-LOF OF CHILING

PERIOD OF RECORD: JUN 71 - MAY 72
MONTH: JAN YEARS: 71-72

DATE: JAN 1985: 92-32

TABLE 1. STATISTICAL VALUES									
Value	1/2	3/4	1	3/4	5/8	3/4	5/8	3/4	5/8
10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0
11.0	21.0	31.0	41.0	51.0	61.0	71.0	81.0	91.0	101.0
12.0	22.0	32.0	42.0	52.0	62.0	72.0	82.0	92.0	102.0
13.0	23.0	33.0	43.0	53.0	63.0	73.0	83.0	93.0	103.0
14.0	24.0	34.0	44.0	54.0	64.0	74.0	84.0	94.0	104.0
15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0	95.0	105.0
16.0	26.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0
17.0	27.0	37.0	47.0	57.0	67.0	77.0	87.0	97.0	107.0
18.0	28.0	38.0	48.0	58.0	68.0	78.0	88.0	98.0	108.0
19.0	29.0	39.0	49.0	59.0	69.0	79.0	89.0	99.0	109.0
20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0
21.0	31.0	41.0	51.0	61.0	71.0	81.0	91.0	101.0	111.0
22.0	32.0	42.0	52.0	62.0	72.0	82.0	92.0	102.0	112.0
23.0	33.0	43.0	53.0	63.0	73.0	83.0	93.0	103.0	113.0
24.0	34.0	44.0	54.0	64.0	74.0	84.0	94.0	104.0	114.0
25.0	35.0	45.0	55.0	65.0	75.0	85.0	95.0	105.0	115.0
26.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0	116.0
27.0	37.0	47.0	57.0	67.0	77.0	87.0	97.0	107.0	117.0
28.0	38.0	48.0	58.0	68.0	78.0	88.0	98.0	108.0	118.0
29.0	39.0	49.0	59.0	69.0	79.0	89.0	99.0	109.0	119.0
30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
31.0	41.0	51.0	61.0	71.0	81.0	91.0	101.0	111.0	121.0
32.0	42.0	52.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0
33.0	43.0	53.0	63.0	73.0	83.0	93.0	103.0	113.0	123.0
34.0	44.0	54.0	64.0	74.0	84.0	94.0	104.0	114.0	124.0
35.0	45.0	55.0	65.0	75.0	85.0	95.0	105.0	115.0	125.0
36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0	116.0	126.0
37.0	47.0	57.0	67.0	77.0	87.0	97.0	107.0	117.0	127.0
38.0	48.0	58.0	68.0	78.0	88.0	98.0	108.0	118.0	128.0
39.0	49.0	59.0	69.0	79.0	89.0	99.0	109.0	119.0	129.0
40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0
41.0	51.0	61.0	71.0	81.0	91.0	101.0	111.0	121.0	131.0
42.0	52.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0
43.0	53.0	63.0	73.0	83.0	93.0	103.0	113.0	123.0	133.0
44.0	54.0	64.0	74.0	84.0	94.0	104.0	114.0	124.0	134.0
45.0	55.0	65.0	75.0	85.0	95.0	105.0	115.0	125.0	135.0
46.0	56.0	66.0	76.0	86.0	96.0	106.0	116.0	126.0	136.0
47.0	57.0	67.0	77.0	87.0	97.0	107.0	117.0	127.0	137.0
48.0	58.0	68.0	78.0	88.0	98.0	108.0	118.0	128.0	138.0
49.0	59.0	69.0	79.0	89.0	99.0	109.0	119.0	129.0	139.0
50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0
51.0	61.0	71.0	81.0	91.0	101.0	111.0	121.0	131.0	141.0
52.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0
53.0	63.0	73.0	83.0	93.0	103.0	113.0	123.0	133.0	143.0
54.0	64.0	74.0	84.0	94.0	104.0	114.0	124.0	134.0	144.0
55.0	65.0	75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0
56.0	66.0	76.0	86.0	96.0	106.0	116.0	126.0	136.0	146.0
57.0	67.0	77.0	87.0	97.0	107.0	117.0	127.0	137.0	147.0
58.0	68.0	78.0	88.0	98.0	108.0	118.0	128.0	138.0	148.0
59.0	69.0	79.0	89.0	99.0	109.0	119.0	129.0	139.0	149.0
60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
61.0	71.0	81.0	91.0	101.0	111.0	121.0	131.0	141.0	151.0
62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0
63.0	73.0	83.0	93.0	103.0	113.0	123.0	133.0	143.0	153.0
64.0	74.0	84.0	94.0	104.0	114.0	124.0	134.0	144.0	154.0
65.0	75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0
66.0	76.0	86.0	96.0	106.0	116.0	126.0	136.0	146.0	156.0
67.0	77.0	87.0	97.0	107.0	117.0	127.0	137.0	147.0	157.0
68.0	78.0	88.0	98.0	108.0	118.0	128.0	138.0	148.0	158.0
69.0	79.0	89.0	99.0	109.0	119.0	129.0	139.0	149.0	159.0
70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
71.0	81.0	91.0	101.0	111.0	121.0	131.0	141.0	151.0	161.0
72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0
73.0	83.0	93.0	103.0	113.0	123.0	133.0	143.0	153.0	163.0
74.0	84.0	94.0	104.0	114.0	124.0	134.0	144.0	154.0	164.0
75.0	85.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0
76.0	86.0	96.0	106.0	116.0	126.0	136.0	146.0	156.0	166.0
77.0	87.0	97.0	107.0	117.0	127.0	137.0	147.0	157.0	167.0
78.0	88.0	98.0	108.0	118.0	128.0	138.0	148.0	158.0	168.0
79.0	89.0	99.0	109.0	119.0	129.0	139.0	149.0	159.0	169.0
80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0
81.0	91.0	101.0	111.0	121.0	131.0	141.0	151.0	161.0	171.0
82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0
83.0	93.0	103.0	113.0	123.0	133.0	143.0	153.0	163.0	173.0
84.0	94.0	104.0	114.0	124.0	134.0	144.0	154.0	164.0	174.0
85.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0
86.0	96.0	106.0	116.0	126.0	136.0	146.0	156.0	166.0	176.0
87.0	97.0	107.0	117.0	127.0	137.0	147.0	157.0	167.0	177.0
88.0	98.0	108.0	118.0	128.0	138.0	148.0	158.0	168.0	178.0
89.0	99.0	109.0	119.0	129.0	139.0	149.0	159.0	169.0	179.0
90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
91.0	101.0	111.0	121.0	131.0	141.0	151.0	161.0	171.0	181.0
92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0
93.0	103.0	113.0	123.0	133.0	143.0	153.0	163.0	173.0	183.0
94.0	104.0	114.0	124.0	134.0	144.0	154.0	164.0	174.0	184.0
95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	185.0
96.0	106.0	116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0
97.0	107.0	117.0	127.0	137.0	147.0	157.0	167.0	177.0	187.0
98.0	108.0	118.0	128.0	138.0	148.0	158.0	168.0	178.0	188.0
99.0	109.0	119.0	129.0	139.0	149.0	159.0	169.0	179.0	189.0
100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
101.0	111.0	121.0	131.0	141.0	151.0	161.0	171.0	181.0	191.0
102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0	192.0
103.0	113.0	123.0	133.0	143.0	153.0	163.0	173.0	183.0	193.0
104.0	114.0	124.0	134.0	144.0	154.0	164.0	174.0	184.0	194.0
105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	185.0	195.0
106.0	116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0
107.0	117.0	127.0	137.0	147.0	157.0	167.0	177.0	187.0	197.0
108.0	118.0	128.0	138.0	148.0	158.0	168.0	178.0	188.0	198.0
109.0	119.0	129.0	139.0	149.0	159.0	169.0	179.0	189.0	199.0
110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
111.0	121.0	131.0	141.0	151.0	161.0	171.0	181.0	191.0	201.0
112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0	192.0	202.0
113.0	123.0	133.0	143.0	153.0	163.0	173.0	183.0	193.0	203.0
114.0	124.0	134.0	144.0	154.0	164.0	174.0	184.0	194.0	204.0
115.0	125.0	135.0	145.0	155.0	165.0	175.0	185.0	195.0	205.0
116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0	206.0
117.0	127.0	137.0	147.0	157.0	167.0	177.0	187.0	197.0	207.0
118.0	128.0	138.0	148.0	158.0	168.0	178.0	188.0	198.0	208.0
119.0	129.0	139.0	149.0	159.0	169.0	179.0	189.0	199.0	209.0
120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0
121.0	131.0	141.0	151.0	161.0	171.0	181.0	191.0	201.0	211.0
122.0	132.0	142.0	152.0	162.0	172.0	182.0	192.0	202.0	212.0
123.0	133.0	143.0	153.0	163.0	173.0	183.0	193.0	203.0	213.0
124.0	134.0	144.0	154.0	164.0	174.0	184.0	194.0	204.0	214.0
125.0	135.0	145.0	155.0	165.0	175.0	185.0	195.0	205.0	215.0
126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0	206.0	216.0
127.0	137.0	147.0	157.0	167.0	177.0	187.0	197.0	207.0	217.0
128.0	138.0	148.0	158.0	168.0	178.0	188.0	198.0	208.0	218.0
129.0	139.0	149.0	159.0	169.0	179.0	189.0	199.0	209.0	219.0
130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0
131.0	141.0	151.0	161.0	171.0	181.0	191.0	201.0	211.0	221.0
132.0	142.0	152.0	162.0						

OPERATING LOCATION "AA"
USAFHAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JANUARY 1957 TO

STATION NUMBER: 722270

STATION NAME: COMBINS ASPH OA
LST TO HIC: + 5

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	0 7	0 6	0 5	0 4	0 3	0 2 1/2	0 2	0 1 1/2	0 1 1/4
NO CEIL	49.2	49.3	49.5	50.4	51.5	51.5	51.5	51.5	51.5
01 20000	50.0	51.1	51.5	52.2	53.3	53.3	53.3	53.3	53.3
02 18000	50.0	51.1	51.5	52.2	53.3	53.3	53.3	53.3	53.3
03 16000	50.0	51.1	51.5	52.2	53.3	53.3	53.3	53.3	53.3
04 14000	50.7	51.3	52.2	52.9	54.0	54.0	54.0	54.0	54.0
05 12000	50.7	51.3	52.2	52.9	54.0	54.0	54.0	54.0	54.0
06 10000	52.6	53.5	54.0	54.7	55.7	55.7	55.7	55.7	55.7
07 9000	53.3	54.4	54.7	55.5	56.5	56.5	56.5	56.5	56.5
08 8000	54.7	55.3	55.5	57.3	58.4	58.4	58.4	58.4	58.4
09 7000	54.7	55.3	55.5	57.3	58.4	58.4	58.4	58.4	58.4
10 6000	55.5	56.5	57.3	58.0	59.1	59.1	59.1	59.1	59.1
11 5000	55.5	57.7	58.3	59.5	60.5	60.5	60.5	60.5	60.5
12 4500	55.9	58.4	59.5	60.2	61.3	61.3	61.3	61.3	61.3
13 4000	55.9	60.9	62.0	62.9	63.9	63.9	63.9	63.9	63.9
14 3500	61.3	62.3	63.9	64.5	65.7	65.7	65.7	65.7	65.7
15 3000	62.3	64.5	65.7	65.9	67.2	67.2	67.2	67.2	67.2
16 2500	63.2	65.9	67.0	68.5	70.4	70.4	70.4	70.4	70.4
17 2000	67.2	69.7	70.5	71.5	73.4	73.4	73.4	73.4	73.4
18 1800	68.5	70.3	71.9	73.0	74.3	74.3	74.3	74.3	74.3
19 1600	70.4	73.0	74.1	75.2	77.0	77.7	77.7	77.7	77.7
20 1200	70.3	74.1	75.2	76.3	78.5	79.2	79.2	79.2	79.2
21 1000	71.5	74.4	76.3	77.4	79.4	80.3	80.3	80.3	80.3
22 900	71.5	74.5	76.3	77.7	79.9	80.7	80.7	80.7	80.7
23 800	71.5	74.5	76.5	78.5	81.0	81.5	82.1	82.1	82.1
24 700	71.9	75.5	77.7	80.3	82.5	83.5	83.3	83.0	83.0
25 600	72.3	76.3	78.5	82.5	85.0	85.3	85.1	85.1	85.1
26 500	73.0	77.0	79.5	83.2	85.5	85.5	85.9	85.5	85.5
27 400	73.0	77.0	80.3	84.3	87.5	89.1	89.1	89.5	89.5
28 300	73.0	77.0	80.3	84.3	89.4	90.5	92.3	93.5	93.5
29 200	73.0	77.0	80.3	84.3	89.3	90.9	92.7	94.0	94.0
30 100	73.0	77.0	80.3	84.3	89.3	90.9	93.1	95.3	95.3
31 000	73.0	77.0	80.3	84.3	89.3	90.9	93.1	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 274

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 72 - MAY 73

MONTH: JAN DAYS: 03-05

[illegible]

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 4000LY 0500Z

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	44.3	45.3	46.3	47.2	47.7	47.2	48.1	48.1	48.1	48.1
GE 20000	47.7	48.7	49.3	50.7	51.3	51.5	51.7	51.7	51.7	51.7
GE 18000	47.7	48.7	49.3	50.7	51.3	51.5	51.7	51.7	51.7	51.7
GE 16000	47.7	48.7	49.3	50.7	51.3	51.5	51.7	51.7	51.7	51.7
GE 14000	48.2	49.7	50.6	51.5	52.1	52.3	52.5	52.5	52.5	52.5
GE 12000	48.2	50.4	51.3	52.2	52.8	53.0	53.2	53.2	53.2	53.2
GE 10000	50.4	52.0	52.2	53.3	54.4	54.5	54.8	54.8	54.8	54.8
GE 9000	51.0	52.5	53.4	54.4	54.9	55.1	55.4	55.4	55.4	55.4
GE 8000	52.5	54.1	55.1	56.0	56.5	56.3	57.1	57.1	57.1	57.1
GE 7000	53.1	54.7	55.7	56.6	57.2	57.4	57.6	57.6	57.6	57.6
GE 6000	53.3	55.4	56.4	57.3	57.7	58.1	58.3	58.3	58.3	58.3
GE 5000	55.0	56.6	57.7	58.6	59.2	59.4	59.7	59.7	59.7	59.7
GE 4500	55.7	57.3	58.4	59.3	59.7	60.1	60.3	60.3	60.3	60.3
GE 4000	57.7	59.3	60.7	61.5	62.3	62.5	62.8	62.8	62.8	62.8
GE 3500	58.9	60.5	61.8	62.7	63.5	63.8	64.1	64.2	64.2	64.2
GE 3000	59.5	62.4	63.7	64.7	65.3	65.1	65.3	65.4	65.4	65.4
GE 2500	62.0	64.1	65.3	66.7	68.0	68.5	68.7	68.9	68.9	68.9
GE 2000	64.5	66.7	68.5	69.7	70.3	71.4	71.5	72.0	72.1	72.1
GE 1800	65.2	66.4	70.4	71.5	72.2	73.3	73.5	73.7	74.0	74.0
GE 1500	67.5	70.2	72.3	73.8	75.0	75.6	75.3	76.2	76.3	76.3
GE 1200	69.0	72.0	74.4	75.9	77.3	77.9	78.1	78.4	78.5	78.5
GE 1000	69.5	72.7	75.5	77.1	78.3	79.4	79.3	80.1	80.2	80.2
GE 900	69.9	73.2	76.4	78.1	79.3	80.5	81.0	81.4	81.5	81.5
GE 800	70.3	73.7	77.1	78.7	80.9	81.5	82.1	82.5	82.5	82.5
GE 700	70.3	74.4	78.2	80.3	82.3	83.4	84.2	84.5	84.5	84.5
GE 600	70.3	74.5	78.3	81.5	84.5	85.3	85.1	85.4	85.4	85.4
GE 500	70.5	74.9	79.3	82.1	85.5	86.4	87.5	88.1	88.2	88.2
GE 400	70.7	75.0	79.7	82.2	87.5	88.2	90.1	90.7	90.8	90.8
GE 300	70.8	75.1	79.9	83.4	88.5	89.5	92.3	93.7	93.8	93.8
GE 200	70.8	75.1	80.0	83.5	88.3	89.9	92.3	94.7	94.7	94.7
GE 100	70.3	75.1	80.0	83.5	88.8	89.9	92.9	94.8	95.0	95.0
GE 000	70.3	75.1	80.0	83.5	88.3	89.3	92.9	94.8	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 345

H

0 - 2 - 3

FREQUENCY OF OCCURRENCE OF CLILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

MA 6A PERIOD OF RECORD: JUN 75 - MAY 83
MONTH: JAN HOURS: 06-08

.....									
VISIBILITY IN STATUTE MILES									
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....									
47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
71.5	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
75.3	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
79.3	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
84.2	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
85.1	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.5	88.1	88.2	88.5	88.5	88.5	88.7	88.7	88.7	88.7
90.1	90.7	90.8	91.3	91.4	91.4	91.8	91.9	91.9	91.9
92.3	93.7	93.8	94.2	94.4	94.4	94.8	94.9	95.0	95.0
92.7	94.7	94.9	95.5	95.2	95.3	97.4	97.9	98.1	98.1
92.9	94.8	95.0	95.8	95.7	95.8	98.1	98.5	99.1	99.2
92.9	94.8	95.0	95.8	95.8	96.9	98.2	98.9	99.4	100.0
.....									

OPERATING LOCATION "AM"
USAF-TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

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
NO CEIL	41.4	44.1	45.1	45.4	45.9	45.9	46.0	46.0	46.0
GE 20000	46.5	49.9	51.0	51.4	52.0	52.0	52.1	52.1	52.1
GE 18000	46.7	50.3	51.3	51.8	52.3	52.3	52.4	52.4	52.4
GE 16000	46.9	50.3	51.3	51.8	52.3	52.3	52.4	52.4	52.4
GE 14000	47.1	50.5	51.5	52.1	52.3	52.9	52.7	52.9	52.7
GE 12000	47.3	50.7	51.8	52.4	53.1	53.1	53.2	53.2	53.2
GE 10000	48.4	52.9	54.2	54.9	55.6	55.6	55.7	55.7	55.7
GE 9000	50.1	53.5	54.9	55.5	55.3	55.3	55.4	55.4	55.4
GE 8000	50.5	55.2	57.7	58.4	59.2	59.2	59.3	59.3	59.3
GE 7000	53.1	56.7	58.3	59.0	59.3	59.8	59.9	59.9	59.9
GE 6000	53.5	57.2	58.8	59.4	59.2	60.2	60.3	60.3	60.3
GE 5000	54.2	57.9	59.4	60.1	61.0	61.0	61.1	61.1	61.1
GE 4500	54.7	58.4	60.1	60.4	61.7	61.7	61.3	61.2	61.3
GE 4000	54.2	60.0	61.7	62.5	63.4	63.4	63.5	63.7	63.7
GE 3500	55.7	60.7	62.4	63.2	64.1	64.1	64.3	64.4	64.4
GE 3000	57.0	62.1	63.3	64.5	65.5	65.5	65.9	66.0	66.0
GE 2500	59.2	64.5	66.4	67.3	68.4	68.5	69.0	69.3	69.4
GE 2000	61.3	65.8	68.8	69.7	70.7	71.0	71.5	71.8	71.7
GE 1800	62.3	67.3	69.3	70.7	71.3	72.0	72.5	72.5	72.2
GE 1600	65.4	70.5	73.1	74.2	75.3	75.5	75.9	75.6	75.8
GE 1400	67.3	73.1	75.7	75.5	77.4	78.1	78.5	79.3	79.5
GE 1200	68.1	74.0	76.3	76.2	79.2	79.4	80.1	80.7	81.0
GE 1000	68.2	74.4	77.4	78.9	80.1	80.3	81.1	81.7	82.0
GE 900	68.4	74.5	78.0	79.5	81.1	81.5	82.5	83.4	83.7
GE 800	68.5	74.7	78.3	80.0	82.3	82.7	83.2	84.5	85.0
GE 700	68.9	75.0	78.5	80.7	83.3	83.7	85.1	86.3	86.3
GE 600	69.3	75.5	79.3	81.5	84.5	85.5	87.5	89.0	89.5
GE 500	69.3	75.5	79.4	81.5	85.5	86.7	89.5	91.5	92.1
GE 400	69.4	75.5	79.3	82.3	85.3	87.5	90.3	93.3	93.9
GE 300	69.4	75.5	79.3	82.3	86.4	87.7	91.0	93.4	94.1
GE 200	69.4	75.5	79.3	82.3	86.4	87.7	91.0	93.4	94.1
GE 100	69.4	75.5	79.3	82.3	86.4	87.7	91.0	93.4	94.1

TOTAL NUMBER OF OBSERVATIONS 365

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION		PERIOD OF RECORD: JUN 73 - MAY 83								
		MONTH: JAN GROUPS: 09-11								
.....										
CEILING IN STATUTE MILES										
CEILING	0	01	02	03	05	06	08	09	10	100
FEET	0	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
10	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
11	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
12	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
13	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
14	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
15	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
16	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
17	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
18	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
19	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
20	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
21	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
22	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
23	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
24	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
25	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
26	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
27	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
28	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
29	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
30	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
31	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
32	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
33	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
34	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
35	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
36	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
37	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
38	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
39	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....										

OPERATING LOCATION "A"
USAFHAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 10 JULY 1958 TO 10 JULY 1959

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.0	44.5	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	51.1	52.5	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	51.1	52.5	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	51.2	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	51.3	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	53.0	54.7	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	56.5	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	56.7	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	58.8	60.5	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2
GE 7000	59.7	61.5	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	59.9	61.9	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	61.0	63.3	63.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0
GE 4500	61.2	63.4	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	62.1	64.3	65.3	65.5	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	63.5	66.4	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5
GE 3000	65.0	68.5	69.3	69.5	69.8	69.8	69.8	70.0	70.0	70.0
GE 2500	68.0	70.8	71.5	71.8	72.4	72.4	72.4	72.6	72.6	72.6
GE 2000	70.5	74.1	74.9	75.2	75.6	75.6	75.6	75.9	75.9	75.9
GE 1800	71.1	74.7	75.5	75.7	76.5	76.5	76.5	76.8	76.8	76.8
GE 1600	74.1	78.1	79.2	79.6	80.2	80.2	80.2	80.4	80.4	80.4
GE 1200	75.8	80.5	81.8	82.4	83.2	83.2	83.2	83.5	83.7	83.7
GE 1000	76.3	81.7	83.1	83.9	84.3	84.3	84.3	85.1	85.3	85.3
GE 900	76.5	82.1	83.7	84.5	85.0	85.0	85.0	85.3	85.5	85.5
GE 800	76.9	82.3	83.9	84.9	85.3	85.3	85.3	85.9	86.1	86.1
GE 700	77.0	82.5	84.4	85.4	87.1	87.2	87.4	87.7	87.9	87.9
GE 600	77.1	82.9	84.8	85.1	87.0	87.2	87.4	89.0	89.4	89.4
GE 500	77.1	83.0	85.2	85.5	86.9	89.1	90.9	92.1	92.5	92.5
GE 400	77.1	83.0	85.3	85.9	89.3	90.9	92.5	94.5	95.1	95.1
GE 300	77.1	83.0	85.3	85.9	89.9	91.3	93.5	95.1	95.7	95.7
GE 200	77.1	83.0	85.3	85.9	89.9	91.3	93.5	95.1	95.7	95.7
GE 100	77.1	83.0	85.3	85.9	89.9	91.3	93.5	95.1	95.7	95.7
GE 000	77.1	83.0	85.3	85.9	89.9	91.3	93.5	95.1	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 893

F

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 54 PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: JAN HOURS: 12-14

CEILING IN STATUTE MILES

0	GE 0	GE 1/4	GE 3/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 3	GE 4
44.2	44.3	44.3	44.4	44.5	44.6	44.8	44.8	44.8	44.8	44.8
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	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
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	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
70.3	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
75.5	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
75.5	75.5	75.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
80.2	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
83.2	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.5	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
85.1	85.3	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
85.5	85.9	87.1	87.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4
87.4	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
89.6	89.0	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
93.9	92.1	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0
95.5	94.5	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
95.5	95.1	95.3	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5
93.5	95.1	95.4	95.1	95.4	95.5	95.8	95.2	95.2	95.5	95.5
93.5	95.1	95.3	95.1	95.4	95.5	95.9	95.4	95.7	100.0	100.0
93.5	95.1	95.3	95.1	95.4	95.5	95.9	95.4	95.7	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

LST TO UTC: + 5

.....										
CEILING						VISIBILITY IN STATUTE MILES				
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	
.....										
NO CEIL	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	55.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	59.9	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 9000	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	63.5	64.1	64.1	64.2	64.3	64.3	64.3	64.6	64.7	64.7
GE 7000	64.9	65.3	65.3	65.5	65.5	65.5	65.5	65.8	65.9	65.9
GE 6000	65.5	65.0	65.0	65.1	65.3	65.3	65.3	65.5	65.5	65.5
GE 5000	66.5	67.0	67.0	67.2	67.3	67.3	67.3	67.5	67.6	67.6
GE 4500	66.5	67.2	67.2	67.3	67.4	67.4	67.4	67.6	67.7	67.7
GE 4000	67.5	68.5	68.5	68.5	68.9	69.0	69.0	69.2	69.5	69.5
GE 3500	68.9	69.3	70.0	70.1	70.3	70.4	70.4	70.7	70.8	70.8
GE 3000	72.1	73.0	73.3	73.4	73.7	74.0	74.0	74.2	74.3	74.3
GE 2500	74.7	75.3	75.0	75.3	75.3	77.0	77.2	77.7	77.8	77.8
GE 2000	75.4	77.7	78.1	78.9	79.7	80.0	80.2	80.6	80.7	80.7
GE 1800	76.5	78.0	78.5	79.3	80.2	80.5	80.7	81.2	81.3	81.3
GE 1600	78.5	80.1	80.9	81.9	83.0	83.4	83.5	84.1	84.3	84.3
GE 1400	80.1	82.1	83.0	84.1	85.3	85.7	85.9	86.5	86.5	86.5
GE 1200	80.9	83.4	84.3	85.4	86.0	87.3	87.5	88.1	88.2	88.2
GE 1000	81.1	83.7	84.8	85.0	87.4	88.0	88.2	88.4	88.9	88.9
GE 900	81.2	84.3	85.4	85.5	88.1	88.7	88.9	89.5	89.5	89.5
GE 800	81.2	84.4	85.5	85.7	88.3	88.9	89.4	89.9	90.0	90.0
GE 700	81.2	84.4	85.1	87.5	89.1	89.7	90.1	90.8	90.9	90.9
GE 600	81.2	84.5	86.2	87.2	90.1	91.2	92.0	92.5	92.8	92.8
GE 500	81.2	84.5	86.3	88.2	90.9	92.5	93.5	95.0	95.1	95.1
GE 400	81.2	84.5	86.3	88.2	91.1	92.5	94.3	95.5	95.7	95.7
GE 300	81.2	84.5	86.3	88.2	91.1	92.5	94.5	96.6	96.8	96.8
GE 200	81.2	84.5	86.3	88.2	91.1	92.5	94.5	96.6	96.8	96.8
GE 100	81.2	84.5	86.3	88.2	91.1	92.5	94.5	96.6	96.8	96.8
GE 000	81.2	84.5	86.3	88.2	91.1	92.5	94.5	96.6	96.8	96.8
.....										

TOTAL NUMBER OF OBSERVATIONS 333

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

A-8 GA		PERIOD OF RECORD: JUN 73 - MAY 88								
		MONTH: JAN HOURS: 15-17								
.....										
VISIBILITY IN STATUTE MILES										
1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
0.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
0.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
1.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1.5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
2.5	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
3.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
3.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
4.0	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
4.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
5.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
5.5	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
6.0	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
6.5	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
7.0	70.4	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
7.5	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
8.0	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
8.5	80.2	80.6	80.7	81.0	81.1	81.1	81.1	81.1	81.2	81.2
9.0	80.7	81.2	81.3	81.5	81.7	81.7	81.7	81.7	81.8	81.8
9.5	83.5	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.7	84.7
10.0	86.0	86.5	86.6	86.9	87.0	87.0	87.0	87.0	87.1	87.1
10.5	87.5	88.1	88.2	88.4	88.6	88.6	88.6	88.6	88.7	88.7
11.0	88.2	88.4	88.9	89.1	89.2	89.2	89.2	89.2	89.4	89.4
11.5	89.9	89.5	89.5	89.8	89.9	89.9	89.9	89.9	90.0	90.0
12.0	90.4	90.9	90.9	90.9	90.4	90.4	90.4	90.4	90.5	90.5
12.5	90.1	90.2	90.9	91.2	91.3	91.3	91.3	91.3	91.4	91.4
13.0	92.0	92.5	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.2
13.5	93.5	95.0	95.1	95.6	95.7	95.7	95.7	95.7	95.9	95.9
14.0	94.3	96.5	96.7	97.3	97.5	97.5	97.5	97.7	98.0	98.0
14.5	94.5	96.6	96.8	97.7	98.3	98.4	98.6	99.0	99.3	99.3
15.0	94.5	96.6	96.5	97.7	98.3	98.4	98.9	99.3	99.3	100.0
15.5	96.5	96.6	96.8	97.7	98.3	98.4	98.9	99.3	99.3	100.0
.....										

OPERATING LOCATION "A"
USAFPTAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 1 JULY 1952 TO 31

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	62.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	62.4	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3
GE 7000	64.0	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.2
GE 6000	64.8	65.7	65.7	65.7	65.7	65.7	65.8	66.0	66.1
GE 5000	66.2	68.0	68.1	68.1	68.1	68.1	68.2	68.3	68.4
GE 4500	67.6	68.8	68.9	68.9	68.9	68.9	69.1	69.2	69.3
GE 4000	69.5	70.8	70.9	70.9	71.2	71.3	71.4	71.5	71.6
GE 3500	70.2	71.5	71.7	71.8	72.2	72.3	72.4	72.5	72.6
GE 3000	72.4	74.2	74.7	74.8	75.2	75.3	75.5	75.6	75.7
GE 2500	74.1	75.4	77.0	77.5	77.8	77.9	78.1	78.3	78.4
GE 2000	75.9	78.2	79.3	79.5	80.3	80.4	81.0	81.2	81.3
GE 1500	76.8	79.1	80.0	80.7	81.6	81.7	82.2	82.5	82.6
GE 1000	77.6	80.3	81.4	82.5	83.3	84.0	84.5	84.8	85.1
GE 800	77.9	80.9	82.1	83.4	85.1	85.3	85.9	86.1	86.2
GE 600	78.4	81.4	82.7	83.9	85.2	86.4	87.1	87.3	87.4
GE 500	78.5	81.3	83.0	84.5	85.9	87.1	88.0	88.2	88.3
GE 400	78.6	82.0	83.3	85.1	87.3	87.5	88.0	88.7	88.8
GE 300	78.8	82.1	83.5	85.3	87.5	88.7	89.5	89.8	89.9
GE 200	78.9	82.5	84.2	86.8	89.5	90.0	91.0	91.3	91.4
GE 100	78.9	82.5	84.3	86.9	90.2	90.5	91.5	92.0	92.2
GE 500	78.9	82.5	84.3	87.2	91.3	92.0	93.0	93.5	94.1
GE 400	79.0	82.5	84.4	87.4	91.7	92.5	94.0	95.5	96.0
GE 300	79.0	82.5	84.7	87.8	92.4	93.5	94.9	96.7	97.5
GE 200	79.0	82.5	84.7	87.8	92.4	93.5	94.9	96.7	97.5
GE 100	79.0	82.5	84.7	87.8	92.4	93.5	94.9	96.7	97.5

TOTAL NUMBER OF OBSERVATIONS 344

55 FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5 APR 64

PERIOD OF RECORD: JUN 74 - MAY 85
MONTH: JAN HOURS: 18-20

VISIBILITY IN STATUTE MILES

1/2	3/4	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100.0	100.0	100.0	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
FROM JANUARY 1967 TO 1968

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	50.3	50.7	50.9	51.0	51.1	51.1	51.1	51.1	51.1
GE 20000	54.4	54.4	54.4	55.1	55.2	55.2	55.2	55.2	55.2
GE 18000	54.4	54.4	54.4	55.1	55.2	55.2	55.2	55.2	55.2
GE 16000	54.7	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5
GE 14000	55.3	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1
GE 12000	56.5	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3
GE 10000	58.4	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4
GE 9000	58.9	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4
GE 8000	58.1	58.8	58.7	58.9	58.1	58.1	58.1	58.1	58.1
GE 7000	58.1	58.8	58.9	58.1	58.2	58.2	58.2	58.2	58.2
GE 6000	58.3	58.9	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 5000	58.5	58.5	58.7	57.9	57.1	57.1	57.1	57.1	57.1
GE 4500	58.5	58.5	57.1	57.4	57.5	57.5	57.5	57.5	57.5
GE 4000	58.2	58.1	58.3	70.1	70.4	70.4	70.4	70.5	70.5
GE 3500	58.5	70.5	71.2	71.7	72.0	72.0	72.0	72.1	72.1
GE 3000	70.7	71.5	72.5	75.2	73.4	73.4	73.4	73.5	73.5
GE 2500	70.4	73.5	74.7	75.4	75.6	75.5	75.5	75.7	75.7
GE 2000	75.1	75.5	78.2	79.1	79.5	79.5	79.7	79.8	79.8
GE 1800	75.7	77.3	79.0	79.5	80.5	80.5	80.5	80.7	80.7
GE 1600	76.5	78.2	80.1	81.4	82.1	82.1	82.3	82.4	82.4
GE 1400	77.0	78.9	80.3	82.2	83.3	83.7	84.1	84.2	84.2
GE 1200	77.0	78.9	80.3	82.4	84.5	84.9	85.4	85.5	85.5
GE 1000	77.3	79.3	81.3	83.5	85.5	85.5	87.1	87.2	87.2
GE 800	77.5	79.5	82.2	84.1	85.5	87.1	87.5	87.5	87.5
GE 700	77.5	79.5	82.4	84.5	87.4	88.0	88.4	88.9	88.9
GE 600	77.5	79.7	82.7	85.0	88.1	88.5	89.3	89.4	89.4
GE 500	78.0	80.0	83.3	85.7	89.5	90.5	91.5	92.2	92.2
GE 400	78.2	80.0	83.4	85.5	90.5	91.3	93.0	93.9	93.9
GE 300	78.0	80.0	83.4	85.7	91.1	92.4	93.4	94.3	94.1
GE 200	78.0	80.0	83.5	85.9	91.7	93.1	94.2	95.3	95.4
GE 100	78.0	80.0	83.5	85.9	91.7	93.1	94.2	95.9	95.5
GE 000	78.0	80.0	83.5	85.9	91.7	93.1	94.2	95.9	95.5

TOTAL NUMBER OF OBSERVATIONS 891

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM DAILY OBSERVATIONS

STATION		PERIOD OF RECORD: JUN 74 - MAY 75								
		MONTH: JAN HOURS: 21-23								
.....										
VISIBILITY IN STATUTE MILES										
1/2	3/4	1 1/2	1 3/4	2	2 3/4	3	3 1/2	4	5	6
.....										
0.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3
0.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4
0.3	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7
0.4	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3
0.5	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5
0.6	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6
0.7	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6
0.8	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3
0.9	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5
1.0	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8
1.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3
1.2	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8
1.3	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7
1.4	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3
1.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8
1.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9
1.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0
1.8	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9
1.9	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6
2.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4
2.1	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7
2.2	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4
2.3	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8
2.4	88.4	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1
2.5	89.3	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0
2.6	91.5	92.2	92.2	92.2	92.3	92.3	92.4	92.5	92.5	92.5
2.7	93.0	93.9	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.4
2.8	93.5	94.8	95.1	95.3	95.5	95.5	95.6	95.9	95.9	95.9
2.9	94.2	95.8	96.4	96.4	96.9	96.9	97.3	97.7	97.7	98.1
3.0	94.2	95.9	96.5	96.9	97.0	97.2	97.2	98.5	99.1	99.4
3.1	96.2	98.9	98.5	98.9	97.9	97.2	97.3	98.3	99.3	100.0
.....										

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1951 TO

STATION NUMBER: 722270

STATION NAME: GORRIS AND GA

EST. TO UTC: + 5

.....
CEILING

.....
VISIBILITY IN STATUTE MILES

IN FEET	37 7	50 9	62 9	75 4	87 3	100 2 1/2	125 2	150 1 1/2	175 1 1/2

.....

00	0000	46.6	46.7	47.0	47.3	47.5	47.5	47.6	47.5	47.5
01	2000	51.0	52.3	52.5	52.9	53.2	53.2	53.3	53.3	53.3
02	1000	51.2	52.5	52.9	53.1	53.4	53.4	53.5	53.5	53.5
03	1500	51.3	52.5	52.9	53.2	53.5	53.5	53.5	53.6	53.5
04	1400	51.7	53.2	53.5	53.9	54.2	54.2	54.3	54.3	54.3
05	1200	52.7	54.3	54.4	54.7	55.3	55.3	55.1	55.1	55.1
06	1100	55.3	57.3	57.7	58.9	59.3	59.4	59.4	59.4	59.4
07	900	56.1	57.5	58.1	58.4	58.7	58.7	58.9	58.9	58.9
08	800	56.4	58.3	59.3	59.7	61.0	61.0	61.1	61.2	61.2
09	700	59.3	60.1	61.3	61.5	62.0	62.0	62.1	62.1	62.2
10	600	59.5	61.3	61.4	62.2	62.5	62.5	62.7	62.7	62.7
11	500	61.2	62.5	63.4	63.5	64.1	64.2	64.2	64.3	64.3
12	400	61.5	63.2	63.9	64.3	64.5	64.7	64.5	64.5	64.5
13	300	63.7	65.1	65.3	65.2	65.7	65.3	65.4	67.0	67.0
14	200	64.4	66.2	67.0	67.5	68.0	68.1	68.2	68.3	68.3
15	100	65.3	66.4	67.3	69.1	70.2	70.5	70.5	71.7	71.7
16	000	66.3	68.5	70.5	72.2	72.7	73.1	73.3	73.3	73.7
17	2000	72.5	73.1	74.3	75.1	75.0	75.1	75.4	75.7	75.7
18	1000	71.4	74.5	75.3	75.1	77.0	77.2	77.5	77.5	77.7
19	1500	73.1	75.0	77.5	74.5	77.7	79.9	80.2	80.5	80.7
20	1200	74.3	77.7	77.3	80.5	81.1	82.1	82.4	82.5	82.7
21	1000	74.5	77.4	80.3	81.5	83.2	83.5	83.9	84.2	84.3
22	900	75.1	78.2	80.3	82.5	84.1	84.5	85.3	85.3	85.7
23	800	75.7	79.1	81.3	82.2	84.5	85.2	85.7	85.1	85.7
24	700	75.3	79.3	81.5	82.5	85.3	85.3	85.9	87.3	87.3
25	600	75.5	79.5	82.3	84.4	85.2	87.5	88.2	88.7	88.7
26	500	75.3	79.5	82.7	85.3	88.2	89.2	89.2	89.5	89.5
27	400	75.5	79.7	82.9	85.1	88.2	89.3	89.3	89.7	89.7
28	300	75.7	79.7	83.0	85.7	89.3	91.0	91.1	94.5	94.7
29	200	75.7	79.7	83.1	85.7	89.3	91.3	91.4	95.5	95.1
30	100	75.7	79.7	83.1	85.3	89.2	91.3	91.5	95.7	95.2
31	000	75.7	79.9	83.1	85.3	89.2	91.3	91.5	95.5	95.2

.....
TOTAL NUMBER OF OBSERVATIONS: 5500

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

APR 64 PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: JAN HOURS: ALL

.....										
VISIBILITY IN STATUTE MILES										
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....										

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY 145-4

STATION NUMBER: 722270

STATION NAME: OBERINS ATB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 8	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 20000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 18000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 16000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 14000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 10000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 9000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 8000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 7000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 6000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 5000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 4500	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 4000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 3500	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 3000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 2500	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 2000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1800	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1600	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 1000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 900	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 800	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 700	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 600	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 500	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 400	55.5	55.5	55.7	55.7	55.7	55.7	55.7	77.3	77.3	77.3
GE 300	55.5	55.5	55.7	55.7	55.7	55.7	55.7	77.3	77.3	77.3
GE 200	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	100.0	100.0
GE 100	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	100.0	100.0
GE 000	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

12

PERIOD OF RECORD: JUL 75 - MAY 88

MONTH: FEB HOURS: 00-02

MILEAGE IN STATUTE MILES

[illegible]

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

000
MON

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.3	47.1	47.1	47.5	47.5	47.5	47.3	47.9	47.9	47.9
GE 20000	47.5	49.0	49.0	49.4	49.4	49.4	49.3	49.9	49.9	49.9
GE 18000	47.5	49.0	49.0	49.4	49.4	49.4	49.3	49.9	49.9	49.9
GE 16000	47.3	49.4	49.4	49.3	49.3	49.3	50.2	50.2	50.2	50.2
GE 14000	49.3	49.8	49.8	50.2	50.2	50.2	50.5	50.5	50.5	50.5
GE 12000	49.4	51.0	51.0	51.3	51.3	51.3	51.7	51.7	51.7	51.7
GE 10000	52.5	54.0	54.0	54.4	54.4	54.4	54.3	54.9	54.9	54.9
GE 9000	53.3	54.8	54.8	55.2	55.2	55.2	55.5	55.5	55.5	55.5
GE 8000	55.6	57.1	57.5	57.9	57.9	57.9	58.2	58.2	58.2	58.2
GE 7000	55.7	57.2	58.5	59.0	59.0	59.0	59.4	59.4	59.4	59.4
GE 6000	57.9	59.4	59.8	60.2	60.2	60.2	60.5	60.5	60.5	60.5
GE 5000	59.9	62.5	63.2	63.5	63.5	63.5	64.2	64.2	64.2	64.2
GE 4500	62.3	64.4	65.1	65.5	65.5	65.5	65.9	65.9	65.9	65.9
GE 4000	63.6	65.5	66.3	66.7	66.7	66.7	67.4	67.4	67.4	67.4
GE 3500	63.6	65.9	66.7	67.0	67.0	67.0	67.3	67.3	67.3	67.3
GE 3000	64.3	67.4	68.0	68.3	68.3	68.3	70.1	70.1	70.1	70.1
GE 2500	66.3	69.3	70.5	70.9	70.9	70.9	71.5	71.5	71.5	71.5
GE 2000	69.3	72.4	73.9	74.3	74.7	75.1	75.9	75.9	75.9	75.9
GE 1500	69.7	73.2	74.3	74.7	75.1	75.5	75.2	76.2	76.2	76.2
GE 1000	71.5	75.1	75.2	75.5	77.0	77.4	78.2	78.2	78.2	78.2
GE 1200	72.0	75.5	77.0	77.4	77.3	78.2	78.9	78.3	78.3	78.3
GE 1000	73.2	75.6	76.5	76.9	79.3	80.1	80.3	80.3	80.3	80.3
GE 900	73.2	75.6	76.9	79.3	79.7	80.5	81.2	81.2	81.2	81.2
GE 800	73.2	77.0	80.1	80.5	80.5	81.5	82.4	82.4	82.4	82.4
GE 700	73.2	77.0	80.5	80.5	81.2	82.4	83.1	83.1	83.1	83.1
GE 600	73.5	77.3	81.5	82.0	83.1	84.3	85.4	85.4	85.4	85.4
GE 500	74.3	78.5	82.4	83.0	83.4	85.5	86.1	86.1	86.1	86.1
GE 400	74.3	78.5	82.4	83.0	87.0	88.1	89.7	89.7	89.7	89.7
GE 300	74.2	78.9	83.9	85.5	90.2	92.0	93.5	93.9	93.9	93.9
GE 200	74.3	78.9	83.9	87.0	91.2	92.7	94.5	95.2	95.2	95.2
GE 100	74.3	78.9	83.9	87.0	91.2	92.7	94.5	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 251

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WFO DA

PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: FEB HOURS: 03-05

.....										
VISIBILITY IN STATUTE MILES										
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
0.0	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
0.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
0.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
0.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
0.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
0.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
.....										
1.0	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
1.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
1.2	56.2	56.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6
1.3	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8
1.4	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9
.....										
2.0	64.1	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4
2.1	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3
2.2	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
2.3	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2
2.4	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5
.....										
3.0	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
3.1	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
3.2	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
3.3	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
3.4	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3
.....										
4.0	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2
4.1	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
4.2	82.4	82.4	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1
4.3	83.1	83.1	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9
4.4	84.8	85.8	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6
.....										
5.0	88.1	88.1	88.1	88.5	88.9	88.9	88.9	88.9	88.9	88.9
5.1	89.7	89.7	89.7	90.0	90.4	90.4	90.4	90.4	90.4	90.4
5.2	93.5	93.9	93.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0
5.3	94.5	96.2	96.2	97.3	98.1	98.1	98.1	98.1	98.5	98.5
5.4	94.5	96.2	96.2	97.3	98.5	98.5	98.5	98.5	98.9	98.9
.....										
6.0	96.5	96.2	96.2	97.3	98.5	98.5	98.5	98.5	99.2	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 4000LY TO 12000LY

STATION NUMBER: 722270

STATION NAME: DUBRINS 453 GA
LST TO UTC: + 5

.....									
CEILING	VISIBILITY IN STATUTE MILES								
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
.....									
NO CEIL	40.4	43.5	43.5	43.9	44.1	44.1	44.1	44.1	44.1
GE 20000	44.5	44.4	44.3	44.7	44.2	49.0	44.0	44.0	44.0
GE 18000	44.5	43.5	44.9	49.0	49.1	49.1	49.1	49.1	49.1
GE 16000	44.2	43.5	49.0	49.1	49.2	49.2	49.2	49.2	49.2
GE 14000	45.1	43.9	49.2	49.4	49.5	49.5	49.5	49.5	49.5
GE 12000	45.2	43.4	50.3	50.4	50.5	50.5	50.5	50.6	50.5
GE 10000	43.2	53.2	53.5	53.3	53.2	53.3	54.1	54.1	54.1
GE 9000	43.2	53.2	54.3	54.5	54.7	54.7	54.3	54.5	54.3
GE 8000	51.4	55.5	55.9	55.2	55.3	55.3	55.4	55.4	55.4
GE 7000	52.1	55.3	56.5	57.0	57.1	57.1	57.2	57.2	57.2
GE 6000	52.4	55.8	57.2	57.5	57.5	57.5	57.7	57.7	57.7
GE 5000	55.0	57.4	58.0	58.3	58.4	58.4	58.7	58.9	58.7
GE 4500	55.4	58.3	58.4	58.7	58.8	58.8	58.4	58.4	58.4
GE 4000	57.5	58.3	58.1	58.5	58.7	58.7	58.4	58.4	58.4
GE 3500	58.5	58.1	58.4	58.8	58.8	58.8	58.7	58.7	58.7
GE 3000	58.7	58.5	58.3	58.5	58.5	58.5	58.5	58.5	58.5
GE 2500	58.4	58.4	57.1	57.5	57.7	57.7	58.4	58.4	58.4
GE 2000	58.5	59.4	71.5	72.3	72.6	72.8	73.5	73.5	73.5
GE 1800	64.2	70.1	72.4	73.1	73.7	73.7	74.4	74.4	74.4
GE 1500	55.7	71.7	74.1	74.9	75.7	75.7	76.4	76.4	76.4
GE 1200	55.7	73.0	75.7	76.7	77.5	77.5	78.2	78.2	78.2
GE 1000	67.3	73.5	75.3	77.3	78.2	78.2	78.2	78.9	78.2
GE 900	57.5	74.3	77.5	78.2	79.9	80.0	80.7	80.7	80.7
GE 800	63.1	74.5	75.3	79.7	81.2	81.3	82.0	82.0	82.0
GE 700	58.4	74.9	79.4	81.2	82.6	82.7	83.4	83.4	83.4
GE 600	58.5	75.0	80.0	82.1	84.5	84.5	85.9	85.9	85.9
GE 500	64.3	75.3	80.4	82.4	85.1	85.2	85.0	85.1	85.2
GE 400	58.8	75.5	80.8	83.5	87.3	87.9	89.8	90.1	90.2
GE 300	64.3	75.7	81.5	84.5	88.5	89.2	91.5	92.2	92.3
GE 200	64.3	75.7	81.5	84.8	88.7	89.9	92.5	93.5	93.9
GE 100	64.3	75.7	81.5	84.8	88.9	89.9	92.5	93.5	94.0
GE 000	64.3	75.7	81.5	84.8	88.9	89.9	92.5	93.5	94.0
.....									

TOTAL NUMBER OF OBSERVATIONS 549

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WFO GA PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 06-08

.....										
MILE IN STATUTE MILES										
1/2	3/4	1 1/2	1 1/4	5/8	3/4	5/8	1/2	3/4	1/4	0
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4	0	
.....										
44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.2
49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4
49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.5	49.5
49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7
50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.9	50.9
54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3
54.3	54.3	54.3	54.3	54.9	54.9	54.9	54.9	54.9	55.0	55.0
55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.7	55.7
57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.5
57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.7	62.7
64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7
65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	66.0	66.0
66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8	66.8
68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.7
73.5	73.5	73.5	73.5	73.7	73.9	73.9	73.9	73.9	74.0	74.0
74.4	74.4	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.9	74.9
76.4	76.4	76.4	76.4	76.7	76.8	76.8	76.8	76.8	76.9	76.9
78.2	78.2	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.7	78.7
79.9	79.9	79.9	79.9	79.2	79.3	79.3	79.3	79.3	79.4	79.4
80.7	80.7	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.2	81.2
82.0	82.0	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.4
83.4	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.9	83.9
85.9	85.9	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.5	86.5
88.1	88.1	88.2	88.2	88.5	88.7	88.7	88.7	88.7	88.8	88.8
90.0	90.1	90.2	90.2	90.7	90.9	90.9	91.0	91.0	91.2	91.2
91.3	92.2	92.3	92.3	92.9	93.6	93.8	94.0	94.0	94.1	94.1
93.5	93.5	93.9	94.7	95.9	96.0	96.7	96.8	97.1	97.4	97.4
93.5	93.8	94.0	94.8	96.3	96.6	97.3	97.4	97.9	98.9	98.9
92.6	93.8	94.0	94.8	96.3	96.6	97.3	97.5	98.4	100.0	100.0
.....										

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	38.6	41.5	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	43.7	47.3	48.5	48.5	43.5	48.5	48.5	48.5	48.5
GE 18000	43.9	47.6	48.3	48.3	43.5	48.3	48.3	48.3	48.3
GE 16000	43.9	47.6	48.3	48.3	43.8	48.3	48.3	48.3	48.3
GE 14000	44.3	47.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 12000	48.1	48.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	44.2	52.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 9000	43.8	52.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 8000	50.4	54.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 7000	50.9	55.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	51.4	55.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	54.1	53.5	59.3	59.4	59.7	59.3	59.3	59.3	59.3
GE 4500	55.2	59.0	51.5	51.7	52.0	52.1	52.1	52.1	52.1
GE 4000	56.2	51.0	53.0	53.1	53.7	53.3	53.3	53.3	53.3
GE 3500	56.5	51.5	53.5	53.3	54.4	54.5	54.5	54.5	54.5
GE 3000	57.5	52.5	54.8	55.0	55.5	55.7	55.7	55.7	55.7
GE 2500	58.2	54.2	57.0	57.3	57.5	58.0	58.0	58.1	58.1
GE 2000	58.5	57.7	71.5	72.0	73.0	73.4	73.4	73.5	73.5
GE 1800	58.0	53.4	72.3	73.0	74.1	74.4	74.4	74.5	74.5
GE 1500	64.5	70.2	74.4	75.1	75.3	75.7	75.7	77.0	77.1
GE 1200	65.7	71.5	75.0	75.9	76.1	78.4	78.4	78.9	79.0
GE 1000	65.1	72.1	75.9	78.1	77.5	80.0	80.0	80.4	80.5
GE 900	66.2	72.2	77.1	78.4	80.0	80.3	80.3	80.3	80.9
GE 800	67.0	73.1	78.5	80.3	82.0	82.6	82.6	83.0	83.2
GE 700	67.5	74.0	79.9	81.9	84.0	84.8	84.3	85.4	85.5
GE 600	67.6	74.9	80.9	83.4	85.0	86.9	86.9	87.5	87.4
GE 500	67.5	75.1	81.5	84.3	87.4	88.7	89.2	90.1	90.2
GE 400	67.7	75.3	82.3	85.3	89.0	90.9	91.5	93.6	93.8
GE 300	67.7	75.3	82.3	85.4	89.3	91.2	92.3	94.5	94.9
GE 200	67.7	75.5	82.6	85.5	89.5	91.4	92.9	95.4	95.9
GE 100	67.7	75.5	82.6	85.5	89.5	91.4	93.1	95.5	95.9
GE 500	67.7	75.5	82.6	85.5	89.5	91.4	93.1	95.5	95.9

TOTAL NUMBER OF OBSERVATIONS 240

GSE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFB GA

PERIOD OF RECORD: JUN 73 - MAY 83
 MONTH: FEB HOURS: 09-11

CEILING IN STATUTE MILES

0 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5
43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
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	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.4
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4
60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	61.0
62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	64.1
64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.3
65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0
68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.7	75.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.3
80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.3
80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.2
82.5	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
84.3	84.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7
85.9	85.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.0
89.2	89.2	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5
91.5	91.5	93.5	93.8	94.1	94.2	94.2	94.5	94.5	94.5	94.7
92.3	92.3	94.5	94.9	95.5	95.2	95.2	95.6	95.7	95.7	95.9
92.9	92.9	95.4	95.9	95.5	97.3	97.4	98.1	98.5	98.5	99.1
93.1	93.1	95.5	95.0	95.7	97.4	97.5	98.2	98.7	98.8	99.9
93.1	93.1	95.5	95.0	95.7	97.4	97.5	98.2	98.7	98.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

0001
MONTH

.....
CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	40.4	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	48.9	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	49.4	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	49.4	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	50.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	55.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	55.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	58.0	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	58.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	59.5	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 5000	60.2	61.5	61.7	61.7	61.7	62.1	62.1	62.1	62.1	62.1
GE 4500	61.7	63.0	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7
GE 4000	63.7	65.5	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4
GE 3500	64.7	66.3	67.3	67.4	67.5	68.0	68.0	68.0	68.0	68.0
GE 3000	65.5	67.5	68.3	68.4	68.5	69.0	69.0	69.0	69.0	69.0
GE 2500	68.5	70.5	71.4	71.5	71.5	72.1	72.1	72.1	72.1	72.1
GE 2000	70.5	72.4	74.3	74.4	74.5	75.4	75.7	75.7	75.7	75.7
GE 1800	71.1	73.5	74.9	75.0	75.5	75.9	75.9	75.9	75.9	75.9
GE 1500	73.5	75.2	74.4	72.7	73.7	70.2	70.5	70.5	70.5	70.5
GE 1200	75.3	79.0	81.2	81.5	82.5	83.3	83.5	83.7	83.7	83.7
GE 1000	76.0	80.4	82.8	83.2	84.7	85.3	85.2	85.1	85.1	85.1
GE 900	76.3	80.8	83.4	83.7	85.4	86.0	85.8	85.9	85.9	85.9
GE 800	76.9	81.9	84.5	84.9	86.7	87.5	87.2	87.5	87.5	87.5
GE 700	76.9	82.0	85.2	85.7	88.0	88.9	89.9	90.0	90.1	90.1
GE 600	77.0	82.3	85.7	86.7	89.4	90.8	92.1	92.3	92.5	92.5
GE 500	77.1	82.7	86.2	87.5	90.5	92.3	94.2	94.5	94.7	94.7
GE 400	77.1	82.7	86.2	87.5	91.0	92.9	95.2	95.0	95.1	95.1
GE 300	77.1	82.8	86.3	87.8	91.2	93.3	95.5	95.7	97.1	97.1
GE 200	77.1	82.8	86.3	87.8	91.2	93.3	95.5	95.8	97.2	97.2
GE 100	77.1	82.8	86.3	87.8	91.2	93.3	95.5	95.8	97.2	97.2
GE 000	77.1	82.8	86.3	87.8	91.2	93.3	95.5	95.8	97.2	97.2

.....
TOTAL NUMBER OF OBSERVATIONS 849

11. FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

LAKE GA

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: FEB HOURS: 12-14

.....
VISIBILITY IN STATUTE MILES

	SE 1/2	SE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 3/8	SE 1/4	SE 0
0.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
0.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
0.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
0.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
0.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
0.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
0.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
0.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
0.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
0.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
0.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
0.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
0.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
0.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
0.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
0.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
0.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
0.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
0.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
0.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
0.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
0.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
0.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
0.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
0.5	92.1	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0.4	94.2	94.8	94.9	95.2	95.2	95.2	95.3	95.2	95.3	95.3
0.8	95.2	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0.5	95.5	95.7	97.1	97.3	98.0	98.0	98.4	98.4	98.4	98.4
0.3	98.5	98.3	97.2	98.0	98.2	98.2	98.7	98.7	98.9	99.1
0.3	98.5	98.3	97.2	98.2	98.5	98.5	98.9	99.3	99.5	100.0
0.4	98.5	98.3	97.2	98.2	98.5	98.5	98.9	99.3	99.5	100.0
.....										

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722273

STATION NAME: DUBAINS AFB GA

1941

EST TO UTC: + 5

GMT

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
NO CEIL	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 18000	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	53.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	59.2	59.8	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	60.5	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	60.8	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	63.4	64.2	64.3	64.3	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	64.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	67.0	68.6	69.1	69.6	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500	68.1	69.3	70.2	71.0	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	70.1	71.5	72.2	73.1	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500	72.7	74.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	74.3	75.7	77.4	78.5	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	75.3	77.6	78.3	78.5	80.0	80.0	80.0	80.0	80.0	80.0
GE 1600	77.5	80.2	81.0	82.4	83.0	83.0	83.0	83.0	83.0	83.0
GE 1400	78.1	81.1	82.7	84.1	85.3	85.5	85.5	85.5	85.5	85.5
GE 1200	79.4	81.5	83.5	85.3	86.3	87.0	87.3	87.4	87.4	87.4
GE 1000	79.5	81.7	83.7	85.5	87.3	87.6	87.6	87.6	87.6	87.6
GE 900	79.7	81.9	84.0	85.1	87.9	88.3	88.3	88.3	88.3	88.3
GE 800	79.7	82.3	84.5	85.7	88.5	89.5	89.5	89.5	89.5	89.5
GE 600	79.7	82.7	84.9	87.5	90.2	91.0	91.3	92.5	92.5	92.5
GE 500	79.8	82.7	85.5	88.5	91.4	92.3	93.4	94.5	94.5	94.5
GE 400	79.8	82.7	85.5	88.5	91.5	92.7	94.2	95.3	95.5	95.5
GE 300	79.8	82.7	85.5	88.5	91.5	92.7	94.5	95.5	95.5	95.5
GE 200	79.8	82.7	85.5	88.5	91.5	92.7	94.5	95.5	95.5	95.5
GE 100	79.8	82.7	85.5	88.5	91.5	92.7	94.5	95.5	95.5	95.5
GE 000	79.8	82.7	85.5	88.5	91.5	92.7	94.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 149

UNIT 4: FEB WEEKS: 15-17

GF	GF	GF	GF	GF	GF	GF	GF	GF	GF
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4

1

OPERATING LOCATION: "A"
USAF TAC, ASHVILLE-NC

PERCENTAGE RELIABILITY OF COPIES OF
100% RELIABILITY

STATION NUMBER: 722270

STATION NAME: JOHNS AFB, CA
LST TIME: + 8

CEILING

VISIBILITY IN STATUTE MILES

	IN FOOT	50 7	60 8	70 9	80 10	90 11	100 12	110 13	120 14
1000	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2
900	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2
800	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3
700	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4
600	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5
500	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6
400	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7
300	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8
200	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9
100	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0
0	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1
1000	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9
900	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0
800	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1
700	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2
600	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3
500	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4
400	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5
300	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6
200	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7
100	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8
0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9
1000	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0
900	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1
800	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2
700	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3
600	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4
500	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5
400	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6
300	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7
200	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8
100	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9
0	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0
1000	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1
900	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2
800	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3
700	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4
600	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5
500	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6
400	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7
300	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8
200	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9
100	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0
0	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1
1000	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2
900	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3
800	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4
700	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5
600	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6
500	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7
400	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8
300	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9
200	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0
100	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1
0	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2

TOTAL NUMBER OF STATIONS: 43

OFFICE OF RECORD: JUN 78 - MAY 83

.....

.....

[illegible]

OPERATING LOCATION NAME
USARFAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 000-LY 145 4717

STATION NUMBER: 722270

STATION NAME: DABING AFB GA
LST TO JTC: + 5

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	60 7	50 6	40 5	30 4	20 3	10 2 1/2	5 2	3 1 1/2	2 1 1/4
NO CEIL	69.6	49.8	69.9	49.9	49.9	49.9	49.9	49.9	49.9
GT 20000	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GT 18000	64.8	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	64.9	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	65.7	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GT 10000	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GT 9000	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	62.5	62.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	64.3	65.7	65.5	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	64.4	65.1	65.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	67.7	69.8	71.0	71.1	71.4	71.5	71.5	71.5	71.5
GE 3500	68.9	71.0	72.2	72.3	72.5	72.7	72.8	72.8	72.8
GE 3000	71.0	73.3	74.2	74.4	75.1	75.4	75.5	75.5	75.5
GE 2500	71.7	74.1	75.4	75.5	75.7	77.1	77.5	77.5	77.5
GT 2000	73.3	75.9	77.2	77.4	77.7	80.1	80.5	80.5	80.5
GE 1800	73.3	75.9	77.2	77.4	77.7	80.1	80.5	80.5	80.5
GE 1600	74.2	77.2	81.4	82.0	82.3	82.7	83.2	83.2	83.2
GE 1400	75.4	77.4	82.2	82.2	83.5	83.8	84.3	84.3	84.3
GE 1200	77.5	78.6	82.7	83.2	84.2	85.2	85.5	85.5	85.5
GE 1000	78.1	79.2	83.5	85.2	85.7	86.3	87.4	87.4	87.4
GE 800	78.2	79.4	84.1	86.2	87.5	87.9	88.5	88.5	88.5
GE 700	78.5	80.5	84.7	86.0	88.1	88.5	89.2	89.2	89.2
GE 600	78.5	80.1	84.0	87.3	88.5	89.8	90.2	90.2	90.2
GE 500	78.5	80.3	85.6	86.5	90.3	91.0	92.5	92.5	92.5
GE 400	77.3	80.2	85.1	88.4	91.2	92.3	94.2	94.5	94.5
GE 300	77.5	81.0	85.3	89.9	92.2	93.5	95.7	95.7	95.7
GE 200	77.5	81.2	87.0	90.8	92.4	93.5	95.7	97.2	97.3
GE 100	77.5	81.2	87.0	90.8	92.4	93.5	95.7	97.2	97.3
GE 000	77.5	81.2	87.0	90.8	92.4	93.5	95.7	97.2	97.3

TOTAL NUMBER OF OBSERVATIONS

60

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION 64 PERIOD OF RECORD: JUN 75 - MAY 80
MONTH: FEB HOURS: 21-23

CEILING IN STATUTE MILES

	50	55	50	55	50	55	50	55	50	55
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/5	1/4	0
60.0	43.0	49.0	47.0	40.0	49.0	49.0	40.0	40.0	40.0	49.0
61.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
62.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
63.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
64.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
65.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
66.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
67.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
68.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
69.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
70.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
71.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
72.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
73.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
74.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
75.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
76.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
77.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
78.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
79.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
80.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
81.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
82.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
83.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
84.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
85.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
86.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
87.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
88.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
89.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
90.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
91.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
92.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
93.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
94.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
95.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
96.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
97.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
98.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
99.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
100.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WFO-34

PERIOD OF RECORD: JUN 70 - MAY 71
MONTH: FEB HOURS: ALL

CEILING IN STATUTE MILES

1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/7	1/4	0
44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4
55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
92.0	92.0	92.0	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.5
93.0	93.0	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	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
FOR SUPPLY DISRUPTION

STATION NUMBER: 722270

STATION NAME: DRAVENS AFB GA
LAT TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.7	50.6	51.5	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	51.3	53.4	54.3	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	51.3	53.4	54.3	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	51.3	53.4	54.3	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	51.3	53.4	54.3	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	52.3	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	54.8	56.6	58.4	58.3	58.3	58.3	58.3	58.3	58.3
GE 9000	55.2	58.1	59.7	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	53.4	59.6	61.7	59.1	59.4	59.4	59.4	59.4	59.4
GE 7000	58.3	61.3	63.4	59.8	64.2	64.2	64.2	64.2	64.2
GE 6000	59.2	62.4	64.3	65.2	65.6	65.6	65.6	65.6	65.6
GE 5000	62.7	66.6	68.1	68.9	68.6	68.6	68.6	68.6	68.6
GE 4500	63.1	66.9	68.5	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	64.9	67.7	70.6	71.0	71.7	71.7	71.7	71.7	71.7
GE 3500	66.2	68.1	71.3	71.7	72.4	72.4	72.4	72.4	72.4
GE 3000	66.3	69.2	72.3	73.1	73.3	73.3	73.3	73.3	73.3
GE 2500	68.5	71.3	74.9	75.5	75.3	75.3	75.3	75.3	75.3
GE 2000	71.3	74.5	75.5	74.2	73.4	73.4	73.4	73.4	73.4
GE 1800	71.3	74.5	74.5	73.2	73.9	73.9	73.9	73.9	73.9
GE 1600	72.4	75.0	73.4	70.8	71.4	71.4	71.4	71.4	71.4
GE 1400	74.2	77.3	72.1	69.2	74.2	74.2	74.2	74.2	74.2
GE 1200	74.9	73.5	72.2	64.2	65.3	65.3	65.3	65.3	65.3
GE 1000	75.3	75.9	63.2	64.5	65.7	65.7	65.7	65.7	65.7
GE 800	74.3	74.5	63.9	65.7	67.1	67.1	67.1	67.1	67.1
GE 700	76.2	74.9	64.5	65.7	64.2	64.2	64.2	64.2	64.2
GE 600	76.3	70.6	65.3	67.5	67.2	67.2	67.2	67.2	67.2
GE 500	75.7	61.4	65.7	67.2	62.5	62.5	62.5	62.5	62.5
GE 400	77.1	61.7	67.1	69.5	62.3	63.2	64.3	65.0	65.0
GE 300	77.1	62.1	68.2	61.0	63.3	64.5	65.7	66.4	66.4
GE 200	77.1	62.1	68.2	61.4	64.5	65.0	65.1	66.3	66.3
GE 100	77.1	62.1	68.2	61.4	64.5	65.0	65.4	67.1	67.1

TOTAL NUMBER OF OBSERVATIONS 279

FREQUENCY OF OCCURRENCE OF CLIMING VERSUS VISIBILITY FROM AIRPORT OBSERVATIONS

CH-54

PERIOD OF RECORD: JUN 75 - MAY 86
MONTH: MAR HOURS: 03-05

FREQUENCY IN STATUTE MILES										
0	01	02	03	04	05	06	07	08	09	10
0	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7
53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6	54.6
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.6	55.6
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	57.0
58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	59.1	59.1
60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.7
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8	64.2
66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5	66.9
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	68.3
69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8	69.8
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.0	72.4
72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	73.1
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.2	74.5
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	77.1
79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.3	80.6
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	80.6
81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7	82.1
84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.9
85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.7	86.0
85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.4
87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.5	87.5
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.9
89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	90.0
92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.2	93.5
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7	96.1
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.5
96.1	96.1	96.1	96.1	97.1	97.1	97.1	97.1	97.5	97.9	98.9
97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	98.2	98.5	99.6
99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.6	100.0

OPERATING LOCATION "AW"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	42.4	45.3	45.0	45.1	47.2	47.2	47.5	47.5	47.5	47.5
GE 20000	47.5	50.3	51.5	52.4	52.8	52.8	53.1	53.1	53.1	53.1
GE 18000	47.7	50.2	51.7	52.5	52.7	52.9	53.2	53.2	53.2	53.2
GE 16000	47.8	51.0	51.3	52.5	53.0	53.0	53.3	53.3	53.3	53.3
GE 14000	48.0	51.1	52.0	52.8	53.2	53.2	53.5	53.5	53.5	53.5
GE 12000	49.1	52.5	53.4	54.2	54.5	54.5	54.7	54.7	54.7	54.7
GE 10000	52.2	55.7	56.3	57.5	58.2	58.2	58.5	58.5	58.5	58.5
GE 9000	53.1	55.7	57.7	58.5	59.1	59.1	59.5	59.5	59.5	59.5
GE 8000	55.5	57.2	59.5	61.5	61.9	61.9	62.3	62.3	62.3	62.3
GE 7000	55.2	59.2	61.5	62.4	62.7	62.7	63.2	63.2	63.2	63.2
GE 6000	55.9	61.2	62.5	63.3	63.9	63.9	64.2	64.2	64.2	64.2
GE 5000	57.1	63.4	64.2	65.2	65.9	65.9	66.2	66.2	66.2	66.2
GE 4500	57.2	64.2	65.7	65.9	67.5	67.5	68.2	68.2	68.2	68.2
GE 4000	61.5	65.1	67.5	69.2	70.0	70.1	70.4	70.4	70.4	70.4
GE 3500	62.3	65.3	68.3	69.7	70.3	70.3	71.2	71.2	71.2	71.2
GE 3000	63.2	67.7	69.2	70.3	71.2	71.2	72.3	72.3	72.3	72.3
GE 2500	65.3	70.2	71.3	73.4	74.5	74.7	75.2	75.2	75.2	75.2
GE 2000	67.1	72.0	73.3	75.4	75.7	75.5	77.2	77.3	77.4	77.4
GE 1800	67.4	72.5	74.2	75.3	77.1	77.2	77.5	77.7	77.7	77.7
GE 1600	69.5	74.5	76.5	77.2	79.5	79.5	80.2	80.1	80.2	80.2
GE 1200	70.5	75.7	73.1	79.3	81.4	81.5	81.7	82.3	82.2	82.2
GE 1000	71.4	75.5	73.2	81.1	82.1	83.1	83.7	83.8	83.9	83.9
GE 900	71.7	77.0	80.0	82.0	84.5	84.3	85.3	85.2	85.1	85.1
GE 800	72.5	75.5	82.0	84.7	87.0	87.3	88.1	88.2	88.3	88.3
GE 700	72.2	79.1	83.1	85.2	88.3	88.4	89.1	89.2	89.3	89.3
GE 600	73.2	79.5	83.7	85.5	89.2	89.5	91.3	91.4	91.3	91.3
GE 500	73.5	80.1	84.4	85.5	91.4	92.2	92.3	93.0	93.1	93.1
GE 400	73.5	80.1	84.7	85.4	92.3	93.0	94.2	94.5	94.7	94.7
GE 300	73.5	80.1	84.7	85.5	92.5	93.2	94.5	95.3	95.5	95.5
GE 200	73.5	80.1	84.7	85.5	92.7	93.4	94.9	95.5	95.5	95.5
GE 100	73.5	80.1	84.7	85.5	92.7	93.4	95.3	95.0	95.5	95.5
GE 500	73.5	80.1	84.7	85.5	92.7	93.4	93.3	95.0	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 942

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

MONTH: MAR 43023: 05-02

;

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1950-1951

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GF 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GF 1 1/4
NO CEIL	44.1	45.7	47.5	49.1	49.2	49.2	49.2	49.2	49.2
GF 20000	50.3	50.9	54.8	55.3	55.4	55.4	55.4	55.4	55.4
GE 18000	51.0	54.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5
GF 16000	51.2	54.3	55.3	55.7	55.8	55.8	55.8	55.8	55.8
GE 14000	51.3	54.4	55.4	55.8	55.9	55.9	55.9	55.9	55.9
GF 12000	51.9	55.2	55.1	55.5	55.7	55.7	55.7	55.7	55.7
GF 10000	54.5	58.1	59.0	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	55.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GF 8000	57.3	51.1	62.0	62.5	62.5	62.5	62.5	62.5	62.5
GE 7000	58.2	52.0	63.0	63.4	63.5	63.5	63.5	63.5	63.5
GF 6000	59.5	63.5	64.5	64.9	65.1	65.1	65.1	65.1	65.1
GF 5000	63.9	64.8	65.8	66.2	66.3	66.3	66.3	66.3	66.3
GF 4500	61.5	65.5	65.5	67.7	67.1	67.2	67.2	67.2	67.2
GF 4000	63.3	67.4	68.7	69.2	69.5	69.5	69.5	69.5	69.5
GE 3500	63.9	70.1	69.5	70.1	70.4	70.5	70.5	70.5	70.5
GF 3000	65.0	70.2	71.6	72.5	73.0	73.1	73.1	73.2	73.2
GF 2500	69.5	72.9	74.5	75.6	75.9	75.9	75.9	75.9	75.9
GE 2000	71.0	75.3	77.4	78.3	78.9	79.0	79.4	79.7	79.7
GE 1800	71.5	75.9	78.2	79.1	79.3	79.3	80.2	80.5	80.5
GE 1500	72.4	77.4	79.5	80.5	81.5	81.5	81.9	82.3	82.3
GE 1200	74.3	79.2	81.7	82.9	84.2	84.1	84.4	84.7	84.9
GF 1000	75.5	80.6	83.4	85.1	85.2	85.3	85.7	87.3	87.3
GE 900	75.8	81.0	84.2	85.9	87.2	87.3	87.5	88.3	88.3
GE 800	75.3	81.3	84.9	87.2	87.5	87.7	89.2	89.9	89.9
GE 700	75.9	81.7	85.5	87.3	88.7	89.0	89.9	91.5	91.5
GF 600	75.3	81.3	85.1	86.9	90.5	91.4	92.5	93.5	93.5
GF 500	75.2	82.2	85.9	88.3	92.5	93.1	94.7	95.7	95.7
GE 400	75.2	82.2	85.9	88.3	92.9	93.7	95.7	97.0	97.1
GF 300	75.2	82.2	85.9	88.3	93.1	93.9	95.9	97.4	97.5
GF 200	75.2	82.2	85.9	88.3	93.1	93.9	95.1	97.5	97.5
GF 100	75.2	82.2	85.9	88.3	93.1	93.9	95.1	97.5	97.5
GF 000	75.2	82.2	85.9	88.3	93.1	93.9	95.1	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 930

RELATIONSHIP OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM ADJUTANT OBSERVATIONS

STATION: 04 PERIOD OF RECORD: JUN 70 - MAY 71
MONTH: MAR HOURS: 09-11

CEILING IN STATUTE MILES

0	GE 0	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
45.2	45.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7
65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 4000 LT. 155-1740

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 3000	54.3	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 1800	54.3	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1500	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 1400	55.5	55.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1200	56.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 1000	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 800	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 600	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 400	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 200	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 100	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 500	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 400	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 300	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 200	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 100	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 500	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 400	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 300	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 200	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 100	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 500	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 400	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 300	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 200	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 100	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7

TOTAL NUMBER OF OBSERVATIONS 330

PERIOD OF RECORD: JUN 75 - MAY 76
TENTH: MAY 1976 DURS: 12-14

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1964-71

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 4	GE 3	GE 2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16
NO CEIL	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 16000	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	65.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	65.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	67.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	69.3	70.8	71.0	71.1	71.1	71.2	71.3	71.3	71.3
GE 4500	71.3	72.4	72.5	72.7	72.7	72.9	73.0	73.2	73.2
GE 4000	75.7	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7
GE 3500	77.5	78.9	79.2	79.5	79.7	79.7	79.7	79.7	79.7
GE 3000	80.6	82.3	82.7	83.0	83.1	83.3	83.7	83.8	83.9
GE 2500	82.5	84.5	85.1	85.4	85.5	85.6	85.6	85.6	85.6
GE 2000	84.5	86.3	87.3	87.5	87.7	88.1	88.4	88.6	88.6
GE 1800	84.7	87.1	87.7	88.1	88.4	88.6	88.7	88.7	88.7
GE 1500	86.0	88.5	89.4	89.8	90.2	90.5	91.0	91.2	91.2
GE 1200	86.5	89.7	90.5	91.5	91.7	92.5	92.8	93.0	93.0
GE 1000	87.1	90.3	91.7	92.9	93.4	94.1	94.7	94.9	94.9
GE 900	87.1	90.3	91.7	92.9	93.5	94.3	94.7	95.2	95.2
GE 800	87.2	90.5	92.0	93.3	94.2	95.2	95.7	95.2	95.2
GE 700	87.3	90.8	92.6	94.1	94.9	95.1	97.0	97.3	97.3
GE 600	87.4	91.0	92.3	94.4	95.5	96.9	97.3	98.3	98.3
GE 500	87.4	91.0	92.3	94.4	95.5	97.0	98.1	98.7	98.7
GE 400	87.4	91.0	92.3	94.4	95.5	97.2	98.5	99.1	99.1
GE 300	87.4	91.0	92.3	94.4	95.5	97.2	98.7	99.4	99.4
GE 200	87.4	91.0	92.3	94.4	95.5	97.2	98.7	99.5	99.5
GE 100	87.4	91.0	92.3	94.4	95.5	97.2	98.7	99.5	99.5
GE 000	87.4	91.0	92.3	94.4	95.5	97.2	98.7	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CLILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AREA: SA

PERIOD OF RECORD: JUN 74 - MAY 81
MONTH: APR HOURS: 16-17

CLILING IN STATUTE MILES

	0	0	0	0	0	0	0	0	0	0
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7

OPERATING LOCATION "A"
USAFETAG, ASHTVILLE MO

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702070

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET						VISIBILITY IN STATUTE MILES				
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1 1/8
NO CEIL	55.1	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5
GE 20000	52.3	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	52.3	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	52.3	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	53.1	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	57.0	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	57.3	58.2	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	70.9	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	71.3	72.2	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	73.0	73.3	73.5	73.5	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	74.9	75.4	75.7	75.9	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	75.1	76.6	76.9	77.5	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	79.5	80.2	80.4	81.3	81.5	81.5	81.5	81.5	81.5	81.5
GE 3500	80.9	81.4	81.8	82.7	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	83.5	84.1	84.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	85.1	86.2	86.6	87.7	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	86.1	87.4	88.2	89.2	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	86.5	87.8	88.6	89.7	90.4	90.4	90.4	90.4	90.4	90.4
GE 1600	86.6	88.0	88.8	89.9	90.6	90.6	90.6	90.6	90.6	90.6
GE 1400	86.6	88.4	89.5	90.3	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	86.7	88.7	89.9	91.3	92.2	92.4	92.7	92.7	92.7	92.7
GE 1000	87.1	89.2	90.4	91.9	92.3	93.4	93.9	93.9	93.9	93.9
GE 900	87.5	89.7	91.1	92.7	93.7	94.5	95.1	95.2	95.2	95.2
GE 800	87.7	90.7	91.8	93.5	94.5	95.4	96.0	96.2	96.2	96.2
GE 700	87.7	90.2	92.2	93.9	94.9	95.9	96.5	97.0	97.0	97.0
GE 600	87.5	90.3	92.4	94.3	95.7	96.7	97.4	98.0	98.0	98.0
GE 500	87.5	90.3	92.5	94.5	96.0	97.1	98.3	98.5	98.5	98.5
GE 400	87.3	90.4	92.7	94.5	96.1	97.2	98.5	99.1	99.1	99.1
GE 300	87.3	90.4	92.7	94.5	96.1	97.2	98.5	99.5	99.5	99.5
GE 200	87.3	90.4	92.7	94.5	96.1	97.2	98.5	99.5	99.5	99.5
GE 100	87.3	90.4	92.7	94.5	96.1	97.2	98.5	99.5	99.5	99.5
GE 000	87.3	90.4	92.7	94.5	96.1	97.2	98.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

6

PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: MAR BOOKS: 13-20

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 100000 TO 100000

STATION NUMBER: 722270

STATION NAME: DREHLS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	64.9	65.1	65.6	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	64.9	65.1	65.6	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	64.9	65.1	65.6	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	65.9	65.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	70.3	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	70.3	71.0	71.5	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	72.3	72.4	73.0	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	73.5	73.7	74.3	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	74.9	75.1	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	75.5	75.5	77.4	77.3	73.1	73.1	73.1	73.1	73.1
GE 4500	77.3	77.6	77.3	74.7	77.0	77.0	77.0	77.0	77.0
GE 4000	30.3	30.9	31.5	32.0	32.5	32.5	32.5	32.5	32.5
GE 3500	31.1	31.6	32.4	32.4	33.2	33.2	33.2	33.3	33.3
GE 3000	32.3	33.3	34.2	34.7	35.3	35.3	35.3	35.4	35.4
GE 2500	34.0	34.7	35.6	35.3	35.9	35.9	35.9	37.0	37.3
GE 2000	34.9	35.7	35.5	37.3	37.3	37.3	37.3	37.3	37.3
GE 1800	35.2	35.0	35.9	37.5	33.2	35.2	33.2	35.3	34.3
GE 1500	35.9	35.8	37.7	38.7	39.4	39.4	39.4	39.5	39.5
GE 1200	36.7	38.0	39.1	40.2	41.0	41.0	41.1	41.2	41.2
GE 1000	37.3	38.3	40.5	41.5	42.5	42.5	42.5	42.3	42.3
GE 900	38.0	39.5	41.5	42.5	43.5	43.7	43.7	44.0	44.0
GE 800	39.0	40.3	41.5	42.7	43.9	44.5	44.7	44.5	44.3
GE 700	39.0	39.4	41.5	42.3	44.2	45.2	45.4	45.5	45.5
GE 600	38.0	40.9	41.7	43.4	44.3	45.8	45.0	46.1	45.1
GE 500	39.1	39.9	41.9	43.7	45.3	45.2	45.9	47.3	47.3
GE 400	38.1	43.0	42.0	44.2	45.5	45.9	47.5	45.1	45.1
GE 300	39.1	40.0	42.2	44.5	45.0	47.3	48.2	48.7	48.7
GE 200	38.1	40.0	42.3	44.5	45.1	47.4	48.3	48.9	48.9
GE 100	38.1	40.0	42.3	44.5	45.1	47.4	48.3	49.0	49.0
GE 000	38.1	40.0	42.3	44.5	45.1	47.4	48.3	49.0	49.0

TOTAL NUMBER OF OBSERVATIONS 930

1

PERIOD OF RECORD: JUN 78 - MAY 80
MONTH: MAR HOURS: 21-23

FACILITY IN STATUTE MILES										
0	SE 1/2	SE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 3/8	SE 1/4	SE 0
60.0	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.5
60.5	65.3	65.4	65.3	65.3	65.2	65.2	65.2	65.2	65.0	65.1
61.0	65.3	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.0	65.1
61.5	65.3	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.0	65.1
62.0	65.3	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.3
62.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.5	68.0
63.0	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2
63.5	71.7	71.7	71.7	71.7	71.5	71.5	71.5	71.5	71.4	72.0
64.0	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.7
64.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.8	74.9
65.0	75.2	75.2	75.2	75.2	75.1	75.1	75.1	75.1	75.2	75.3
65.5	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.4
66.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.4
66.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.8	82.9
67.0	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.7
67.5	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.7
68.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.3
68.5	87.1	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.3
69.0	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5
69.5	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.8
70.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.5
70.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.2
71.0	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.3
71.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.2
72.0	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.8
72.5	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.5
73.0	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.6
73.5	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.4
74.0	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.1	99.2
74.5	99.3	99.9	99.9	99.9	99.2	99.2	99.5	99.5	99.5	99.7
75.0	99.3	99.9	99.9	99.1	99.4	99.4	99.6	99.6	99.9	100.0
75.5	99.3	99.9	99.9	99.1	99.4	99.4	99.5	99.5	99.9	100.0

OPERATING LOCATION: WAW
 HSAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM 100% TO 1000%

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
 LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES								
IN FEET	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	40.0	51.1	51.5	51.4	51.9	51.9	52.0	52.0	52.0
GE 20000	55.3	57.5	58.1	58.3	58.5	58.5	58.5	58.5	58.5
GE 13000	55.4	57.7	58.2	58.4	58.5	58.5	58.5	58.5	58.5
GE 16000	55.4	57.8	58.3	58.5	58.6	58.6	58.7	58.7	58.7
GE 14000	55.7	58.1	58.5	58.9	58.9	58.9	59.0	59.0	59.0
GE 12000	57.5	59.0	59.5	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	60.9	62.5	63.1	63.3	63.5	63.5	63.5	63.5	63.5
GE 9000	61.3	63.4	64.0	64.2	64.4	64.4	64.4	64.4	64.4
GE 8000	64.1	65.3	65.4	65.7	65.8	65.8	65.9	65.9	65.9
GE 7000	64.5	66.5	67.3	67.5	67.7	67.7	67.8	67.8	67.8
GE 6000	65.5	67.7	68.4	68.7	68.9	68.9	68.9	68.9	68.9
GE 5000	67.5	69.5	70.4	70.7	71.0	71.0	71.1	71.1	71.1
GE 4500	68.5	70.5	71.4	71.9	72.2	72.2	72.3	72.3	72.3
GE 4000	71.4	73.5	74.4	75.0	75.5	75.5	75.5	75.7	75.7
GE 3500	72.4	74.5	75.5	75.1	75.5	75.7	75.9	75.8	75.9
GE 3000	74.7	77.0	78.0	78.7	79.2	79.3	79.5	79.5	79.5
GE 2500	75.7	78.4	80.4	81.2	81.3	81.3	82.1	82.1	82.1
GE 2000	78.5	81.4	82.5	83.4	84.0	84.1	84.3	84.4	84.5
GE 1700	79.0	81.8	83.1	83.9	84.5	84.5	84.9	85.0	85.0
GE 1500	80.1	83.2	84.5	85.4	85.2	85.3	85.5	85.7	85.8
GE 1200	81.2	84.5	85.1	87.3	88.2	88.3	88.5	88.8	88.8
GE 1000	81.9	85.4	87.3	88.7	89.7	89.9	90.3	90.5	90.5
GE 900	82.1	85.5	87.3	89.4	90.4	90.5	91.2	91.4	91.5
GE 800	82.5	85.2	88.5	89.3	91.5	92.1	92.5	92.9	92.9
GE 700	82.5	85.5	89.1	91.1	92.5	93.2	93.9	94.3	94.3
GE 600	82.7	85.7	89.5	91.5	93.3	94.1	94.9	95.3	95.4
GE 500	82.8	85.9	89.8	92.3	94.2	95.1	95.9	95.5	95.5
GE 400	82.8	87.0	90.0	92.5	94.5	95.5	95.5	97.5	97.5
GE 300	82.8	87.0	90.0	92.7	94.3	95.3	97.2	98.0	98.1
GE 200	82.8	87.0	90.1	92.7	94.3	95.9	97.3	98.2	98.3
GE 100	82.8	87.0	90.1	92.7	94.3	95.9	97.4	98.3	98.4
GE 000	82.8	87.0	90.1	92.7	94.3	95.9	97.4	98.3	98.4

TOTAL NUMBER OF OBSERVATIONS 5350

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION 3A

PERIOD OF RECORD: JUN 78 - MAY 80
MONTHS: ALL HOURS: ALL

CEILING IN STATUTE MILES

0	50	50	50	50	50	50	50	50	50	50
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
52.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.8
54.0	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9
55.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2
56.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
57.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
58.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5
59.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
60.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
61.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
62.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.3
63.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
64.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
65.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
66.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7
67.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.4
68.0	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7
69.0	84.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2
70.0	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
71.0	85.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
72.0	89.3	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.8	89.8
73.0	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7
74.0	92.5	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2
75.0	93.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
76.0	94.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.7
77.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
78.0	95.3	97.5	97.5	97.9	97.9	97.9	98.0	98.0	98.1	98.1
79.0	97.2	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.8	98.8
80.0	97.3	98.2	98.3	98.7	98.9	98.9	99.1	99.2	99.3	99.5
81.0	97.4	98.3	98.4	98.3	99.0	99.0	99.3	99.5	99.3	99.9
82.0	97.5	98.3	98.4	98.3	99.0	99.0	99.3	99.5	99.5	100.0

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1954 TO JULY 1955

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15
NO CEIL	59.1	59.5	60.7	61.5	62.4	62.4	62.4	62.9	63.7
57 20000	61.2	62.5	63.3	64.5	65.4	65.5	65.7	66.0	66.3
58 18000	61.2	62.5	63.3	64.5	65.4	65.5	65.7	66.0	66.3
59 16000	61.2	62.5	63.3	64.5	65.4	65.5	65.7	66.0	66.3
60 14000	61.2	62.5	63.3	64.5	65.4	65.5	65.7	66.0	66.3
61 12000	61.2	62.5	63.3	64.5	65.4	65.5	65.7	66.0	66.3
62 10000	64.9	65.2	66.0	66.3	67.7	69.7	69.9	70.2	71.1
63 9000	65.2	67.1	68.3	69.1	69.2	69.2	70.2	70.5	71.1
64 8000	65.5	68.5	69.7	70.5	71.3	71.3	71.5	71.9	71.9
65 7000	67.1	69.4	70.5	71.3	72.5	72.5	72.5	73.0	73.1
66 6000	68.3	70.2	71.2	72.1	73.2	73.2	74.2	74.4	74.4
67 5000	70.2	73.0	74.2	75.3	77.0	77.5	77.2	77.5	77.7
68 4500	70.2	73.0	74.2	75.3	77.0	77.5	77.2	77.5	77.7
69 4000	71.4	75.3	76.4	76.4	79.5	79.5	79.1	79.1	79.1
70 3500	73.0	76.4	77.5	79.5	80.5	80.5	81.9	81.9	81.9
71 3000	73.9	77.5	78.7	81.2	82.3	82.3	82.5	82.7	82.9
72 2500	74.2	77.5	78.2	82.0	83.4	83.4	83.7	84.0	84.2
73 2000	75.1	78.4	82.0	84.1	85.2	85.2	85.5	85.7	85.7
74 1800	76.7	83.3	82.5	85.7	87.4	87.4	87.5	87.7	87.9
75 1600	77.5	81.2	83.7	87.4	89.2	89.2	89.3	89.5	89.5
76 1400	78.4	82.0	84.5	85.5	90.7	90.7	91.2	91.3	91.3
77 1200	78.4	82.0	85.4	89.0	91.5	91.5	91.9	92.1	92.1
78 1000	78.7	82.3	85.7	89.3	91.9	91.9	92.1	92.4	92.4
79 800	78.9	82.5	85.9	89.5	92.1	92.1	92.4	92.7	92.7
80 700	79.2	82.9	85.2	89.9	92.4	92.4	92.7	93.0	93.1
81 600	79.5	83.7	87.1	91.5	94.4	94.4	94.9	95.2	95.2
82 500	79.8	84.0	87.4	91.9	95.2	95.2	95.1	95.3	95.3
83 400	79.3	84.0	87.9	92.7	95.3	95.3	97.2	97.5	97.5
84 300	79.3	84.0	87.9	93.0	97.2	97.2	98.0	98.3	98.3
85 200	79.3	84.0	87.9	93.0	97.2	97.2	98.0	98.3	98.3
86 100	79.3	84.0	87.9	93.0	97.2	97.2	98.0	98.3	98.3
87 000	79.3	84.0	87.9	93.0	97.2	97.2	98.0	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 354

PERCENTAGE EFFICIENCY OF ACCOUNTING
SYSTEMS

LCT 10 JTC: 4-5

CIRCUIT	VISIBILITY IN STATION AIRPORT								
	1	2	3	4	5	6	7	8	9
	1/4	1/2	3/4	1	1 1/2	2	2 1/2	3	1 1/4
01 0000	61.1	60.1	64.1	65.1	61.7	60.7	60.7	65.1	61.1
05 0000	60.6	60.6	64.1	65.1	62.0	62.0	62.1	62.1	61.1
09 1000	61.7	62.1	63.2	61.2	62.1	62.1	63.1	62.2	61.6
09 1500	61.7	63.1	61.2	61.0	62.1	62.1	62.1	62.2	61.2
09 1900	65.1	63.1	63.1	61.2	62.3	62.3	62.3	62.4	62.4
09 1900	65.2	63.1	63.1	61.7	62.3	62.4	62.1	62.0	62.1
09 1900	60.1	64.1	65.2	66.1	67.1	67.1	67.1	67.2	67.1
09 2000	61.1	64.1	65.2	66.1	67.1	67.1	67.1	67.2	67.1
09 2100	62.1	65.1	67.4	68.2	69.1	69.1	69.1	69.1	69.1
09 2200	73.1	67.6	69.1	69.7	71.2	71.2	71.2	71.1	71.1
09 2300	64.2	66.1	72.1	71.1	72.1	72.3	72.1	72.1	72.1
09 2400	68.1	69.1	71.1	72.1	74.1	74.1	74.1	74.1	74.1
09 2500	68.7	72.1	72.1	73.1	74.1	74.1	74.1	74.1	74.1
09 2600	69.1	72.1	74.1	75.1	76.1	76.1	76.1	77.1	77.1
09 2700	69.1	72.1	74.1	75.1	76.1	77.1	77.1	77.1	77.1
09 2800	69.1	73.1	75.1	77.1	78.1	78.1	78.1	78.1	78.1
09 2900	69.1	74.1	77.1	78.1	79.1	80.1	81.1	82.1	81.1
09 3000	71.1	75.1	78.1	80.1	82.1	82.7	82.7	82.7	82.1
09 3100	71.1	75.1	78.1	80.1	82.1	82.1	82.1	83.1	83.1
09 3200	72.1	77.1	80.1	81.1	83.1	84.1	84.1	84.1	84.1
09 3300	73.1	79.1	81.1	83.1	85.1	86.1	86.1	86.1	86.1
09 3400	74.1	80.1	83.1	85.1	87.1	87.1	88.1	88.1	88.1
09 3500	74.1	81.1	85.1	87.1	89.1	89.1	90.1	90.1	90.1
09 3600	74.1	82.1	85.1	87.1	89.1	90.1	91.1	91.1	91.1
09 3700	74.1	82.1	85.1	87.1	89.1	90.1	92.1	92.1	92.1
09 3800	75.1	82.1	86.1	88.1	90.1	91.1	93.1	93.1	93.1
09 3900	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4000	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4100	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4200	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4300	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4400	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4500	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4600	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4700	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4800	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 4900	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 5000	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 5100	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1
09 5200	75.1	82.1	87.1	89.1	91.1	92.1	93.1	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS 100

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM AIRPORT OBSERVATIONS

STATION

PERIOD OF RECORD: JUL 75 - MAY 76
MONTH: APR HOURS: 06-08

CEILING IN STATUTE MILES

	0	1	2	3	4	5	6	7	8	9
	1 1/2	1 1/4	1	3/4	5/8	1/2	3/5	1/4		
50.0	50.7	50.3	50.4	50.3	50.3	50.2	50.2	50.4	50.4	50.4
51.0	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
53.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
54.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
55.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	53.0
56.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
58.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
59.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
60.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
61.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
62.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
63.0	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
64.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
65.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	79.2
66.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
67.0	80.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	83.0
68.0	82.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
69.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
70.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
71.0	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
72.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
73.0	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8
74.0	92.0	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8
75.0	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2
76.0	95.0	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.7
77.0	95.6	95.9	95.9	97.0	97.2	97.2	97.2	97.2	97.2	97.3
78.0	97.2	97.2	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.8
79.0	97.3	98.0	98.2	98.5	99.1	99.1	99.2	99.2	99.2	99.3
80.0	97.3	98.0	98.2	98.5	99.1	99.1	99.2	99.2	99.5	99.7
99.0	97.3	98.0	98.2	98.5	99.1	99.1	99.2	99.2	99.5	100.0

OPERATING LOCATION NAME
USAFAC, ASHVILLE NC

PERCENTAGE PROBABILITY OF OCCURRENCE
BASED ON 100 YEARS

STATION NUMBER: 722270

STATION NAME: JESSIE'S AFB GA
LST TO UTC: + 5

CEILING

VISIBILITY IN STATUTE MILES

FEET	5	10	15	20	25	30	3 1/2	4	5 1/2	6 1/2
NO CEIL	64.7	65.2	65.7	66.1	66.7	66.7	66.7	66.7	66.7	66.7
SE 20000	60.2	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
SE 18000	60.3	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
SE 16000	60.3	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
SE 14000	60.0	61.0	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
SE 12000	60.7	62.7	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
SE 10000	64.1	65.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
SE 8000	64.3	65.4	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
SE 6000	65.1	66.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
SE 4000	67.0	68.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
SE 2000	68.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
SE 1000	69.3	72.0	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
SE 4500	70.2	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
SE 4000	71.3	74.4	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
SE 3500	73.2	75.0	75.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2
SE 3000	74.7	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
SE 2500	75.7	80.1	81.7	82.1	82.3	82.3	82.3	82.7	82.7	82.7
SE 2000	78.4	82.3	83.9	84.3	84.9	84.9	84.9	85.2	85.2	85.2
SE 1800	78.2	82.3	84.3	84.3	84.3	84.3	84.3	85.7	85.7	85.7
SE 1600	80.2	83.9	85.7	86.1	86.3	86.3	86.3	87.1	87.1	87.1
SE 1200	81.7	85.4	86.2	86.3	86.7	86.7	86.7	88.1	88.1	88.1
SE 1000	82.1	87.2	88.4	88.0	88.1	88.1	88.1	88.0	88.0	88.0
SE 800	82.6	87.9	88.3	88.0	88.1	88.1	88.1	88.3	88.3	88.3
SE 600	83.1	88.5	88.2	88.2	88.5	88.5	88.5	88.6	88.7	88.7
SE 450	83.2	88.5	88.4	88.7	88.3	88.5	88.5	88.4	88.7	88.7
SE 300	83.2	88.5	88.4	88.9	88.5	88.5	88.5	88.7	88.7	88.7
SE 150	83.3	88.9	88.2	88.7	88.5	88.5	88.5	88.7	88.7	88.7
SE 100	83.3	88.9	88.2	88.4	88.5	88.5	88.5	88.4	88.4	88.4
SE 50	83.3	88.9	88.2	88.4	88.5	88.5	88.5	88.4	88.4	88.4

TOTAL PROBABILITY OF EXCEEDANCE 90%

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM AIRPORT OBSERVATIONS

PERIOD OF RECORD: JUN 71 - MAY 84
MONTH: APR HOURS: 09-11

CEILING IN STATUTE MILES

	0	50	100	150	200	250	300	350	400	450	500
	0	1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
5	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
10	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
11	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
12	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
13	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
14	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
15	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
16	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
17	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
18	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
19	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
20	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
21	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
22	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
23	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
24	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
25	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
26	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
27	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
28	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
29	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
30	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
31	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
32	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY DATA

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LOT TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	52.8	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.
GE 20000	60.7	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.
GE 18000	60.9	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.
GE 16000	60.9	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.
GE 14000	61.1	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.
GE 12000	61.4	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.
GE 10000	64.4	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.
GE 9000	64.7	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.
GE 8000	65.7	65.5	65.9	65.9	67.0	67.0	67.0	67.0	67.
GE 7000	65.1	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.
GE 6000	66.7	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.
GE 5000	68.7	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.
GE 4500	69.1	70.3	71.2	71.4	71.5	71.6	71.6	71.6	71.
GE 4000	72.4	74.2	74.7	75.0	75.2	75.2	75.2	75.2	75.
GE 3500	74.9	75.4	77.3	77.4	78.0	78.0	78.0	78.0	78.
GE 3000	79.4	81.3	82.4	83.0	83.2	83.2	83.2	83.2	83.
GE 2500	83.3	85.4	85.3	85.9	87.1	87.1	87.1	87.1	87.
GE 2000	85.3	87.9	88.2	89.5	89.3	89.9	89.9	89.9	89.
GE 1800	85.3	87.9	89.3	89.5	89.5	89.9	89.9	89.9	89.
GE 1500	86.7	89.3	90.2	91.0	91.6	91.7	91.7	91.8	91.
GE 1200	87.5	90.5	91.7	92.5	93.2	93.4	93.4	93.5	93.
GE 1000	88.1	91.1	92.4	93.3	94.1	94.4	94.5	94.9	94.
GE 900	88.4	91.7	93.3	94.3	95.1	95.4	95.4	95.9	95.
GE 800	88.7	91.9	93.7	94.5	95.6	95.9	95.9	96.4	96.
GE 700	89.2	92.4	94.5	95.3	95.5	96.2	97.3	97.4	97.
GE 600	89.2	92.4	94.7	95.0	97.1	97.5	98.0	98.1	98.
GE 500	89.3	92.5	94.3	95.2	97.5	98.0	98.4	98.6	98.
GE 400	89.3	92.5	94.3	95.3	97.8	98.3	98.9	99.1	99.
GE 300	89.3	92.5	94.3	95.3	97.8	98.3	99.0	99.3	99.
GE 200	89.3	92.5	94.3	95.3	97.8	98.3	99.0	99.3	99.
GE 100	89.3	92.5	94.3	95.3	97.8	98.3	99.0	99.3	99.
GE 000	89.3	92.5	94.3	95.3	97.8	98.3	99.0	99.3	99.

TOTAL NUMBER OF OBSERVATIONS 900

4

0 - 2 - 30

3. FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY - 24-HOURLY OBSERVATIONS

10 47 5 5A

PERIOD OF RECORD: JUN 73 - MAY 85

WJNT4: 402 450RS: 12-14

VIABILITY IN STATUTE MILLS

[illegible]

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERV

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CEILING						VISIBILITY IN STATUTE MILES				
IN FEET	GE 7	GF 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GF 1 1/4	GF
NO CEIL	52.7	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GF 20000	50.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GF 18000	50.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GF 16000	50.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	51.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	52.3	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GF 10000	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GF 9000	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	57.8	59.2	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 7000	58.3	59.3	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 6000	59.1	70.5	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GF 5000	71.3	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GF 4500	72.0	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
GF 4000	77.4	79.3	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2
GE 3500	80.3	82.3	82.7	82.8	82.8	82.8	83.0	83.0	83.0	83.0
GE 3000	83.2	85.3	86.0	86.1	86.1	86.1	86.4	86.4	86.6	86.6
GE 2500	87.3	89.4	90.1	90.2	90.2	90.2	90.7	90.7	90.7	90.7
GE 2000	89.0	91.4	92.4	92.7	92.7	92.8	93.2	93.2	93.3	93.3
GF 1800	89.1	91.7	92.3	93.0	93.0	93.1	93.5	93.6	93.7	93.7
GE 1500	90.0	92.7	94.1	94.4	94.5	94.7	95.2	95.2	95.3	95.3
GE 1200	90.2	92.7	94.4	94.9	95.0	95.1	95.7	95.7	95.7	95.7
GF 1000	90.5	93.2	94.3	95.2	95.3	95.4	95.9	95.9	95.9	95.9
GE 900	90.7	93.3	94.9	95.4	95.5	95.7	95.9	95.9	95.9	95.9
GE 800	90.8	93.5	95.2	95.8	95.9	96.0	96.5	96.7	96.8	96.8
GE 700	90.9	93.7	95.4	96.0	96.1	96.2	96.9	97.0	97.1	97.1
GE 600	91.0	93.9	95.3	96.3	96.4	96.5	97.2	97.3	97.4	97.4
GE 500	91.0	93.7	95.3	95.5	96.9	97.1	97.5	97.9	98.0	98.0
GE 400	91.0	93.9	95.3	95.7	97.0	97.2	98.0	98.1	98.2	98.2
GF 300	91.0	93.9	95.5	96.7	97.0	97.2	98.2	98.7	98.8	98.8
GE 200	91.0	93.9	95.5	96.7	97.0	97.2	98.2	98.7	98.8	98.8
GE 100	91.0	93.9	95.5	95.7	97.0	97.2	98.2	98.7	98.8	98.8
GE 000	91.0	93.9	95.3	96.7	97.0	97.2	98.2	98.7	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 300

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

1-10-64

PERIOD OF RECORD: JUN 73 - MAY 88

MONTH: APR HOURS: 15-17

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DDBRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	59.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	72.1	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	72.4	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	75.1	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	76.1	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	76.9	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	80.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	81.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	84.0	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	85.4	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	87.0	88.7	89.2	89.4	89.6	89.6	89.6	89.6	89.6
GE 2500	88.8	90.7	91.4	91.8	91.9	91.9	92.2	92.2	92.2
GE 2000	89.5	91.7	92.5	93.2	93.3	93.3	93.7	93.7	93.7
GE 1700	89.9	92.0	92.9	93.7	93.9	93.9	94.2	94.2	94.2
GE 1500	90.1	92.2	93.2	94.1	94.6	94.6	94.9	94.9	94.9
GE 1200	90.6	92.7	93.3	94.7	95.2	95.2	95.6	95.6	95.6
GE 1000	90.9	93.1	94.2	95.1	95.7	95.8	96.1	96.1	96.1
GE 900	91.0	93.2	94.3	95.2	95.8	95.9	96.2	96.2	96.2
GE 800	91.2	93.5	94.8	95.7	96.3	96.4	96.6	96.6	96.6
GE 700	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 600	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 500	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 400	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 300	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 200	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 100	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6
GE 000	91.2	93.6	94.9	95.7	96.3	96.4	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 900

FROM HOURLY OBSERVATIONS

MONTH: APR HOURS: 13-20

0 - 2 - 32

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	62.1	62.7	62.6	62.8	63.0	63.0	63.0	63.0	63.0
GE 20000	63.3	69.5	69.6	69.5	69.8	69.8	69.8	69.8	69.8
GE 18000	69.0	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9
GE 16000	69.0	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9
GE 14000	69.9	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8
GE 12000	70.7	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5
GE 10000	74.2	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1
GE 9000	74.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7
GE 8000	77.2	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4
GE 7000	77.7	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9
GE 6000	77.7	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0
GE 5000	81.6	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2
GE 4500	82.8	84.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4
GE 4000	85.0	86.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6
GE 3500	85.7	87.5	88.0	88.3	88.4	88.4	88.4	88.4	88.4
GE 3000	86.4	88.5	89.0	89.3	89.4	89.4	89.4	89.4	89.4
GE 2500	87.2	89.3	89.8	90.1	90.2	90.2	90.2	90.2	90.2
GE 2000	88.3	90.5	91.3	91.6	91.7	91.8	91.8	91.8	91.8
GE 1800	88.7	90.7	91.7	91.9	92.0	92.2	92.2	92.2	92.2
GE 1500	89.0	91.3	92.6	92.8	93.0	93.2	93.2	93.2	93.2
GE 1200	89.6	91.8	93.2	93.6	93.7	94.0	94.0	94.0	94.0
GE 1000	90.1	93.0	94.7	95.2	95.3	95.6	95.6	95.6	95.6
GE 900	90.4	93.4	95.0	95.7	95.8	96.1	96.1	96.1	96.1
GE 800	90.5	93.5	95.2	96.0	96.1	96.3	96.3	96.3	96.3
GE 700	90.5	93.5	95.2	96.1	96.2	96.5	96.5	96.5	96.5
GE 600	90.5	93.5	95.3	96.2	96.3	96.9	97.0	97.0	97.0
GE 500	90.5	93.5	95.4	96.3	96.5	97.0	97.1	97.5	97.5
GE 400	90.5	93.5	95.4	96.3	96.5	97.0	97.1	97.5	97.5
GE 300	90.5	93.6	95.7	97.0	97.4	98.0	98.3	98.6	98.7
GE 200	90.5	93.6	95.7	97.0	97.4	98.0	98.3	98.6	98.7
GE 100	90.5	93.6	95.7	97.0	97.4	98.0	98.3	99.0	99.3
GE 000	90.5	93.6	95.7	97.0	97.4	98.0	98.3	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS 767

A

0 - 2 - 33

2.3.4. DAILY OBSERVATIONS

PERIOD OF RECORD: JUN 72 - MAY 73

MONTH: APR HOURS: 21-23

7 - 2 - 33

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRING
FROM HOURLY OBSERV

STATION NUMBER: 722270

STATION NAME: OGBHNS AFB GA
LST TO UTC: + 5

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
NO CEIL	54.5	55.7	56.0	56.2	56.4	56.4	56.5	56.5	56.5
GE 20000	51.7	53.0	53.4	53.5	53.9	53.9	53.9	53.9	53.9
GE 18000	52.0	53.3	53.3	53.9	54.2	54.2	54.2	54.3	54.3
GE 16000	52.0	53.3	53.3	53.9	54.2	54.2	54.2	54.3	54.3
GE 14000	52.5	53.9	54.3	54.5	54.7	54.7	54.3	54.3	54.3
GE 12000	53.2	54.6	55.1	55.3	55.5	55.5	55.5	55.5	55.5
GE 10000	56.4	58.0	59.5	59.5	59.9	59.9	59.9	59.9	59.9
GE 9000	59.5	59.2	59.7	59.9	59.1	59.1	59.2	59.2	59.2
GE 8000	59.7	70.4	70.9	71.1	71.3	71.3	71.4	71.4	71.4
GE 7000	59.4	71.2	71.7	71.9	72.2	72.2	72.3	72.3	72.3
GE 6000	70.1	72.0	72.5	72.7	73.1	73.1	73.1	73.1	73.1
GE 5000	72.4	74.6	75.1	75.4	75.3	75.3	75.3	75.3	75.3
GE 4500	73.1	75.3	75.9	75.3	75.6	75.5	75.5	75.7	75.7
GE 4000	75.0	78.4	79.2	79.5	79.9	79.9	80.0	80.1	80.1
GE 3500	77.4	80.0	80.8	81.2	81.5	81.5	81.7	81.4	81.4
GE 3000	79.5	82.2	83.2	83.7	84.1	84.1	84.3	84.3	84.3
GE 2500	81.5	84.4	85.5	85.2	85.5	85.7	85.9	85.9	85.9
GE 2000	83.2	85.2	87.5	86.3	88.9	89.0	89.2	89.2	89.2
GE 1700	83.4	86.5	87.9	88.7	89.2	89.3	89.5	89.6	89.6
GE 1500	84.3	87.4	88.9	89.9	90.5	90.7	90.9	90.9	91.0
GE 1200	85.0	88.4	90.1	91.1	91.9	92.1	92.3	92.4	92.4
GE 1000	85.5	89.1	91.1	92.1	93.0	93.2	93.5	93.7	93.7
GE 900	85.8	89.5	91.8	92.9	93.5	94.1	94.5	94.5	94.5
GE 800	85.1	89.9	92.2	93.4	94.4	94.7	95.1	95.2	95.3
GE 700	85.2	90.1	92.4	93.8	94.9	95.2	95.7	95.9	95.9
GE 600	85.3	90.2	92.7	94.2	95.5	95.9	96.4	96.5	96.5
GE 500	86.4	90.3	93.0	94.7	95.2	95.5	97.1	97.4	97.5
GE 400	86.4	90.4	93.1	94.9	95.6	97.1	97.7	98.1	98.3
GE 300	86.4	90.4	93.2	95.1	95.9	97.4	98.2	98.7	98.8
GE 200	86.4	90.4	93.2	95.1	95.9	97.4	98.2	98.7	98.8
GE 100	86.4	90.4	93.2	95.1	95.9	97.4	98.3	98.8	99.0
GE 000	86.4	90.4	93.2	95.1	95.9	97.4	98.3	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 5623

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

10 APR 64

PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: APR HOURS: ALL

..... VISIBILITY IN STATUTE MILES

1/2	3/4	1	1 1/2	1 3/4	2	3	4	5	6	7
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
53.4	54.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.7	54.3	54.3	54.3	54.3	54.5	54.3	54.3	54.3	54.3	54.3
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
89.3	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
93.2	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
95.2	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
95.9	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
96.5	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
97.1	97.7	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
97.4	98.2	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.4	99.4
97.4	98.2	98.7	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7
97.4	98.3	98.8	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
97.9	99.3	99.3	99.9	99.4	99.6	99.6	99.7	99.7	99.7	100.0

OPERATING LOCATION NAME
WISAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES									
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1

4

0 - 0 - 30

1. 2. 3. 4.

PERIOD OF RECORD: JUN 71 - MAY 83
MONTH: MAY HOURS: 00-02

1

OPERATING LOCATION NAME
USARFAC, ASHLVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1964 TO

STATION NAME: 72270

STATION NAME: OBSERVING AREA SA
EST TO MID: + 5

CEILING IN FEET	VISIBILITY IN STATION FEET								
	7	8	9	4	5	2 1/2	2	1 1/2	1 1/4
50 CEIL	60.2	74.5	63.5	60.2	60.7	60.7	60.7	60.2	60.2
60 20000	63.7	79.0	63.4	64.5	65.3	65.3	65.3	65.5	65.5
60 14000	63.7	79.0	63.4	64.5	65.3	65.3	65.3	65.5	65.5
60 10000	63.7	79.0	63.4	64.5	65.3	65.3	65.3	65.5	65.5
60 14000	63.7	79.0	63.4	64.5	65.3	65.3	65.3	65.5	65.5
60 12000	64.5	69.0	64.5	65.3	65.3	65.3	65.3	65.7	65.7
65 10000	61.2	63.5	63.2	64.7	70.2	70.2	70.2	70.7	70.7
65 9000	64.5	64.5	64.5	70.5	71.1	71.1	71.1	71.5	71.5
65 8000	60.0	65.5	71.1	72.5	73.1	73.1	73.1	73.5	73.5
65 7000	60.5	67.0	71.5	73.1	73.2	73.2	73.2	74.3	74.3
65 6000	61.2	67.7	72.3	73.3	74.5	74.5	74.5	75.0	75.0
65 5000	63.5	70.4	75.5	76.2	77.7	77.7	77.7	78.2	78.2
65 4500	63.0	70.9	75.7	77.7	78.5	78.5	78.5	79.1	79.1
65 4000	65.1	72.3	77.4	79.4	80.3	80.3	80.3	80.7	80.7
65 3500	65.0	73.1	78.4	80.5	81.5	81.5	81.5	82.1	82.1
65 3000	65.5	74.1	79.4	81.5	82.5	82.5	82.5	83.5	83.5
65 2500	67.5	75.2	80.4	83.5	84.2	84.2	84.4	84.9	84.9
65 2000	68.5	75.7	82.1	84.7	85.9	85.9	85.1	85.5	85.5
65 1500	68.5	75.7	82.3	84.9	85.1	85.1	85.2	85.7	85.7
65 1000	68.9	77.2	82.3	85.4	85.7	85.7	85.9	87.4	87.4
65 1200	69.4	77.7	83.7	85.2	87.5	87.5	87.2	88.3	88.3
65 1000	69.7	78.4	84.5	87.2	88.5	88.5	88.3	89.3	89.3
65 800	70.1	78.7	85.0	87.3	89.1	89.1	89.3	89.5	89.5
65 600	70.2	79.4	85.7	88.5	89.1	89.1	89.5	91.0	91.0
65 400	70.4	79.5	85.2	89.5	90.5	90.5	91.2	91.7	91.7
65 300	70.9	80.1	87.2	90.3	92.0	92.0	92.5	93.0	93.0
65 500	70.9	80.1	87.4	91.0	93.0	93.0	93.5	94.0	94.0
65 400	70.9	80.1	87.9	91.2	94.4	94.4	95.1	95.1	95.1
65 300	70.9	80.1	87.9	91.2	94.6	94.5	95.7	97.1	97.3
65 200	70.9	80.1	88.1	91.3	94.7	94.9	95.3	97.5	97.5
65 100	70.9	80.1	88.1	91.3	94.7	94.9	95.3	97.5	97.5
65 900	70.9	80.1	88.1	91.3	94.7	94.9	95.3	97.5	97.3

TOTAL NUMBER OF OBSERVATIONS 584

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ASAS GA

PERIOD OF RECORD: JUN 78 - MAY 88
 MONTH: MAY HOURS: 03-05

VISIBILITY IN STATUTE MILES										
1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4
60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
70.2	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
73.4	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
74.5	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
77.7	77.7	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
79.5	79.5	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
80.3	80.3	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
81.5	81.5	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
83.0	83.0	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
84.4	84.4	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2
85.1	85.1	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9
85.2	85.2	85.7	85.7	85.8	85.8	85.8	87.1	87.1	87.1	87.1
85.3	85.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
87.8	87.8	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.3	89.3	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1
90.1	90.1	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3
91.2	91.2	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.0
92.5	92.5	93.0	93.0	93.2	93.4	93.4	93.5	93.5	93.5	93.5
93.5	93.5	94.0	94.0	94.4	94.6	94.6	94.7	94.7	94.7	94.7
95.1	95.1	95.1	95.1	95.4	95.6	95.6	95.8	95.8	95.8	95.8
95.7	95.7	97.1	97.3	98.0	98.1	98.1	98.5	98.5	98.5	98.5
95.3	95.3	97.5	97.3	98.5	98.8	98.8	99.1	99.1	99.3	99.3
95.3	95.3	97.5	97.3	98.8	99.0	99.0	99.3	99.3	99.5	99.7
95.3	95.3	97.5	97.3	98.8	99.0	99.0	99.3	99.3	99.5	100.0

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: OGBBINS AFB GA
LST TO UTC: + 5

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
NO CEIL	43.3	43.4	50.9	52.4	53.7	53.7	54.0	54.1	54.1
GE 20000	43.5	53.8	55.6	55.2	59.8	59.3	59.1	59.2	59.2
GE 18000	43.5	53.9	55.7	58.3	53.9	59.9	59.2	59.3	59.3
GE 16000	43.4	54.1	55.9	58.5	59.1	59.1	59.4	59.5	59.5
GE 14000	43.3	54.1	55.9	58.5	59.1	59.1	59.4	59.5	59.5
GE 12000	49.5	54.7	57.5	59.1	59.5	59.3	61.1	61.2	61.2
GE 10000	53.0	59.1	62.3	64.0	65.1	65.1	65.5	65.5	65.5
GE 9000	53.5	59.3	63.0	64.7	65.9	65.9	67.3	67.4	67.4
GE 8000	54.7	61.3	65.3	67.2	69.5	69.5	69.7	70.1	70.1
GE 7000	55.5	62.3	66.3	68.3	70.3	70.3	71.3	71.5	71.5
GE 6000	55.7	62.5	65.3	68.9	71.4	71.4	71.7	72.2	72.2
GE 5000	57.3	65.2	69.5	71.7	74.4	74.4	74.7	75.2	75.2
GE 4500	58.0	65.4	69.9	72.5	74.7	74.7	75.3	75.5	75.5
GE 4000	59.2	67.1	71.9	74.3	77.0	77.2	75.0	74.2	73.2
GE 3500	59.5	67.4	72.3	74.7	77.4	77.6	74.4	74.5	74.5
GE 3000	59.9	68.1	73.0	75.5	78.2	78.7	79.5	79.7	79.7
GE 2500	60.6	68.9	74.0	75.5	79.1	79.7	80.4	80.6	80.6
GE 2000	61.5	70.2	75.3	77.3	80.5	81.2	81.9	82.2	82.2
GE 1800	61.9	70.5	75.5	78.3	81.1	81.6	82.4	82.5	82.5
GE 1500	62.4	71.1	75.3	79.1	82.3	82.3	83.5	83.9	83.9
GE 1200	63.3	72.4	77.3	80.5	83.0	84.5	85.3	85.5	85.5
GE 1000	64.7	74.1	79.7	82.5	85.9	86.5	87.3	87.7	87.7
GE 900	65.2	74.5	80.5	83.4	86.9	87.5	88.3	88.7	88.7
GE 800	65.5	75.7	81.9	84.3	88.5	89.2	90.1	90.5	90.5
GE 700	65.6	75.9	82.4	85.3	89.0	89.8	90.9	91.3	91.3
GE 600	65.3	76.2	82.9	85.3	89.7	90.5	91.3	92.5	92.5
GE 500	65.9	75.5	83.7	86.3	91.1	92.2	93.5	94.8	94.8
GE 400	66.0	75.5	83.9	87.1	91.5	92.9	94.3	95.3	95.6
GE 300	66.0	75.5	83.9	87.1	91.5	92.9	94.3	95.7	97.0
GE 200	66.0	75.5	83.9	87.1	91.5	92.9	94.3	97.0	97.4
GE 100	66.0	75.5	83.9	87.1	91.5	92.9	94.3	97.0	97.4
GE 000	66.0	75.5	83.9	87.1	91.5	92.9	94.3	97.0	97.4

TOTAL NUMBER OF OBSERVATIONS 930

+

5. FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WAS 64

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 06-08

VISIBILITY IN STATUTE MILES										
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.3	54.4	54.4	54.4
55.5	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.5	55.6	55.6
56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.6	56.8	56.8
57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.8	57.9	58.0	58.0
58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.8	58.9	59.0	59.0
59.3	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.5	59.6	59.6
60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.9	61.0	61.0
61.2	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.5	61.6	61.6
62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.8	62.9	63.0	63.0
63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.8	63.8
64.5	64.7	64.8	64.8	64.8	64.8	64.8	65.0	65.1	65.2	65.2
65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.7	65.8	65.8
66.5	66.7	66.8	66.8	66.8	66.8	66.8	67.0	67.1	67.2	67.2
67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.7	67.8	67.8
68.5	68.7	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.2	69.2
69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6	69.7	69.8	69.8
70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.9	71.0	71.0
71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.8	71.8
72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.9	73.0	73.0
73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.9	74.0	74.1	74.1
74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.2	75.3	75.3
75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.1	76.2	76.3	76.3
76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.7	76.8	76.8
77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.9	78.0	78.1	78.1
78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.1	79.2	79.3	79.3
79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.9	80.0	80.1	80.1
80.7	80.8	80.9	80.9	80.9	80.9	80.9	81.1	81.2	81.3	81.3
81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.1	82.2	82.3	82.3
82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.7	82.8	82.8
83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.9	84.0	84.1	84.1
84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.9	85.0	85.1	85.1
85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.9	86.0	86.1	86.1
86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	87.0	87.1	87.1
87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.9	88.0	88.1	88.1
88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.9	89.0	89.1	89.1
89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.9	90.0	90.1	90.1
90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.9	91.0	91.1	91.1
91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.9	92.0	92.1	92.1
92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.9	93.0	93.1	93.1
93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.9	94.0	94.1	94.1
94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.9	95.0	95.1	95.1
95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.9	96.0	96.1	96.1
96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.0	97.1	97.1
97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.9	98.0	98.1	98.1
98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.9	99.0	99.1	99.1
99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
100.5	100.6	100.7	100.7	100.7	100.7	100.7	100.9	101.0	101.1	101.1
101.5	101.6	101.7	101.7	101.7	101.7	101.7	101.9	102.0	102.1	102.1
102.5	102.6	102.7	102.7	102.7	102.7	102.7	102.9	103.0	103.1	103.1
103.5	103.6	103.7	103.7	103.7	103.7	103.7	103.9	104.0	104.1	104.1
104.5	104.6	104.7	104.7	104.7	104.7	104.7	104.9	105.0	105.1	105.1
105.5	105.6	105.7	105.7	105.7	105.7	105.7	105.9	106.0	106.1	106.1
106.5	106.6	106.7	106.7	106.7	106.7	106.7	106.9	107.0	107.1	107.1
107.5	107.6	107.7	107.7	107.7	107.7	107.7	107.9	108.0	108.1	108.1
108.5	108.6	108.7	108.7	108.7	108.7	108.7	108.9	109.0	109.1	109.1
109.5	109.6	109.7	109.7	109.7	109.7	109.7	109.9	110.0	110.1	110.1
110.5	110.6	110.7	110.7	110.7	110.7	110.7	110.9	111.0	111.1	111.1
111.5	111.6	111.7	111.7	111.7	111.7	111.7	111.9	112.0	112.1	112.1
112.5	112.6	112.7	112.7	112.7	112.7	112.7	112.9	113.0	113.1	113.1
113.5	113.6	113.7	113.7	113.7	113.7	113.7	113.9	114.0	114.1	114.1
114.5	114.6	114.7	114.7	114.7	114.7	114.7	114.9	115.0	115.1	115.1
115.5	115.6	115.7	115.7	115.7	115.7	115.7	115.9	116.0	116.1	116.1
116.5	116.6	116.7	116.7	116.7	116.7	116.7	116.9	117.0	117.1	117.1
117.5	117.6	117.7	117.7	117.7	117.7	117.7	117.9	118.0	118.1	118.1
118.5	118.6	118.7	118.7	118.7	118.7	118.7	118.9	119.0	119.1	119.1
119.5	119.6	119.7	119.7	119.7	119.7	119.7	119.9	120.0	120.1	120.1
120.5	120.6	120.7	120.7	120.7	120.7	120.7	120.9	121.0	121.1	121.1
121.5	121.6	121.7	121.7	121.7	121.7	121.7	121.9	122.0	122.1	122.1
122.5	122.6	122.7	122.7	122.7	122.7	122.7	122.9	123.0	123.1	123.1
123.5	123.6	123.7	123.7	123.7	123.7	123.7	123.9	124.0	124.1	124.1
124.5	124.6	124.7	124.7	124.7	124.7	124.7	124.9	125.0	125.1	125.1
125.5	125.6	125.7	125.7	125.7	125.7	125.7	125.9	126.0	126.1	126.1
126.5	126.6	126.7	126.7	126.7	126.7	126.7	126.9	127.0	127.1	127.1
127.5	127.6	127.7	127.7	127.7	127.7	127.7	127.9	128.0	128.1	128.1
128.5	128.6	128.7	128.7	128.7	128.7	128.7	128.9	129.0	129.1	129.1
129.5	129.6	129.7	129.7	129.7	129.7	129.7	129.9	130.0	130.1	130.1
130.5	130.6	130.7	130.7	130.7	130.7	130.7	130.9	131.0	131.1	131.1
131.5	131.6	131.7	131.7	131.7	131.7	131.7	131.9	132.0	132.1	132.1
132.5	132.6	132.7	132.7	132.7	132.7	132.7	132.9	133.0	133.1	133.1
133.5	133.6	133.7	133.7	133.7	133.7	133.7	133.9	134.0	134.1	134.1
134.5	134.6	134.7	134.7	134.7	134.7	134.7	134.9	135.0	135.1	135.1
135.5	135.6	135.7	135.7	135.7	135.7	135.7	135.9	136.0	136.1	136.1
136.5	136.6	136.7	136.7	136.7	136.7	136.7	136.9	137.0	137.1	137.1
137.5	137.6	137.7	137.7	137.7	137.7	137.7	137.9	138.0	138.1	138.1
138.5	138.6	138.7	138.7	138.7	138.7	138.7	138.9	139.0	139.1	139.1
139.5	139.6	139.7	139.7	139.7	139.7	139.7	139.9	140.0	140.1	140.1
140.5	140.6	140.7	140.7	140.7	140.7	140.7	140.9	141.0	141.1	141.1
141.5	141.6	141.7	141.7	141.7	141.7	141.7	141.9	142.0	142.1	142.1
142.5	142.6	142.7	142.7	142.7	142.7	142.7	142.9	143.0	143.1	143.1
143.5	143.6	143.7	143.7	143.7	143.7	143.7	143.9	144.0	144.1	144.1
144.5	144.6	144.7	144.7	144.7	144.7	144.7	144.9	145.0	145.1	145.1
145.5	145.6	145.7	145.7	145.7	145.7	145.7	145.9	146.0	146.1	146.1
146.5	146.6	146.7	146.7	146.7	146.7	146.7	146.9	147.0	147.1	147.1
147.5	147.6	147.7	147.7	147.7	147.7	147.7	147.9	148.0	148.1	148.1
148.5	148.6	148.7	148.7	148.7	148.7	148.7	148.9	149.0	149.1	149.1
149.5	149.6	149.7	149.7	149.7	149.7	149.7	149.9	150.0	150.1	150.1
150.5	150.6	150.7	150.7	150.7	150.7	150.7	150.9	151.0	151.1	151.1
151.5	151.6	151.7	151.7	151.7	151.7	151.7	151.9	152.0	152.1	152.1
152.5	152.6	152.7	152.7	152.7	152.7	152.7	152.9	153.0	153.1	153.1
153.5	153.6	153.7	153.7	153.7	153.7	153.7	153.9	154.0	154.1	154.1
154.5	154.6	154.7	154.7	154.7	154.7	154.7	154.9	155.0	155.1	155.1
155.5	155.6	155.7	155.7	155.7	155.7	155.7	155.9	156.0	156.1	156.1
156.5	156.6	156.7	156.7	156.7	156.7	156.7	156.9	157.0	157.1	157.1
157.5	157.6	157.7	157.7	157.7	157.7	157.7	157.9	158.0	158.1	158.1
158.5	158.6	158.7	158.7	158.7	158.7	158.7	158.9	159.0	159.1	159.1
159.5	159.6	159.7	159.7	159.7	159.7	159.7	159.9	160.0	160.1	160.1
160.5	160.6	160.7	160.7	160.7	160.7	160.7	160.9	161.0	161.1	161.1
161.5	161.6	161.7	161.7	161.7	161.7	161.7	161.9	162.0	162.1	162.1
162.5	162.6	162.7	162.7	162.7	162.7					

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	46.7	51.7	53.3	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	51.5	53.7	50.5	50.5	50.9	50.3	50.5	50.8	50.9
GE 18000	51.5	53.8	50.5	50.9	50.9	50.7	50.9	50.9	50.9
GE 16000	51.5	53.8	50.5	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000	51.7	59.0	50.9	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	52.0	59.6	51.4	51.5	51.5	51.6	51.5	51.5	51.5
GE 10000	55.5	54.1	55.2	55.5	55.9	55.9	55.9	55.9	55.9
GE 9000	55.4	54.5	55.3	57.3	57.4	57.4	57.4	57.4	57.4
GE 8000	56.9	56.9	59.2	59.3	59.7	70.0	70.0	70.0	70.0
GE 7000	57.0	57.1	59.5	70.1	70.2	70.3	70.3	70.3	70.3
GE 6000	57.3	57.4	59.8	70.4	70.5	70.6	70.6	70.8	70.8
GE 5000	58.3	68.9	71.4	72.0	72.3	72.4	72.4	72.5	72.5
GE 4500	58.5	69.2	71.7	72.4	72.7	72.5	72.3	72.9	72.9
GE 4000	59.7	70.4	72.9	73.5	74.0	74.1	74.1	74.2	74.2
GE 3500	60.5	71.5	74.1	74.8	75.3	75.4	75.4	75.5	75.5
GE 3000	64.2	75.4	78.1	79.0	79.5	79.8	79.9	80.0	80.0
GE 2500	65.5	75.9	79.6	80.5	81.1	81.4	81.7	81.8	81.8
GE 2000	67.7	79.5	82.4	83.3	84.0	84.3	84.5	84.8	84.8
GE 1800	68.0	80.0	82.9	83.9	84.5	84.5	85.2	85.4	85.4
GE 1500	69.0	81.1	84.5	85.7	86.3	86.7	87.0	87.2	87.3
GE 1200	71.4	84.0	88.0	89.2	90.2	90.5	91.0	91.2	91.3
GE 1000	72.0	84.9	89.1	90.5	91.7	92.0	92.5	92.3	93.0
GE 900	72.4	85.3	89.6	91.3	92.6	92.9	93.4	93.9	94.1
GE 800	72.4	85.4	89.9	91.3	93.3	93.7	94.3	94.7	94.9
GE 700	72.4	85.5	90.2	92.3	94.2	94.5	95.2	95.5	95.5
GE 600	72.4	85.7	90.9	93.0	95.2	95.3	95.7	97.3	97.5
GE 500	72.5	85.8	91.0	93.5	95.1	97.1	98.1	98.7	99.0
GE 400	72.5	85.8	91.0	93.3	95.3	97.3	98.5	99.4	99.7
GE 300	72.5	85.5	91.0	93.3	95.3	97.3	98.5	99.4	99.7
GE 200	72.5	85.8	91.0	93.4	95.3	97.3	98.5	99.4	99.7
GE 100	72.5	85.8	91.0	93.9	95.3	97.3	98.5	99.4	99.7
GE 000	72.5	85.8	91.0	93.3	95.3	97.3	98.5	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 930

F

0 - 2 - 30

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 75 - MAY 83
MONTH: MAY HOURS: 09-11

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	44.2	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 20000	49.7	52.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	49.8	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	49.8	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	50.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	51.4	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	54.0	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	54.7	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	55.1	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	55.7	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	57.0	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	58.6	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	60.1	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	65.6	72.2	73.4	73.4	73.4	73.4	73.5	73.5	73.5
GE 3500	69.1	76.9	78.3	78.3	78.3	78.3	78.4	78.4	78.4
GE 3000	75.0	84.3	85.8	85.9	85.9	85.9	86.1	86.1	86.1
GE 2500	78.3	87.0	88.6	88.6	88.6	88.7	88.9	88.9	88.9
GE 2000	77.9	89.4	91.0	91.1	91.2	91.3	91.5	91.5	91.5
GE 1800	80.0	89.5	91.2	91.3	91.5	91.5	91.6	91.9	92.0
GE 1500	80.3	90.9	92.9	93.3	93.7	93.8	94.0	94.1	94.2
GE 1200	81.7	92.3	94.6	95.2	95.5	95.6	96.0	96.1	96.2
GE 1000	81.7	92.4	94.7	95.4	95.7	95.9	96.3	96.5	96.5
GE 900	81.8	92.7	95.1	95.9	96.3	96.6	97.0	97.1	97.2
GE 800	82.0	93.1	95.7	96.9	97.3	97.5	98.0	98.1	98.2
GE 700	82.0	93.1	95.8	97.1	97.6	97.8	98.5	98.6	98.7
GE 600	82.0	93.1	95.8	97.1	97.7	98.2	98.8	99.2	99.4
GE 500	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.4	99.5
GE 400	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.5	99.7
GE 300	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.6	99.7
GE 200	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.6	99.7
GE 100	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.6	99.7
GE 000	82.0	93.1	95.8	97.1	97.7	98.3	98.9	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 230

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

APR 64 PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: MAY HOURS: 12-14

.....										
VISIBILITY IN STATUTE MILES										
1/2	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
.....										
0	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
10	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
11	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
12	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
13	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
14	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
15	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
16	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
17	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
18	91.5	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
19	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
20	95.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
21	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
22	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
23	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
24	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
25	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
26	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
27	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
28	99.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
29	99.7	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
30	99.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
31	99.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
.....										

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

REF
MOM

CEILING						VISIBILITY IN STATUTE MILES				
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	45.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	55.3	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	55.3	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	55.5	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	56.3	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	57.2	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	61.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	61.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	63.7	69.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	64.5	70.5	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	65.0	71.4	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	66.7	73.2	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	67.9	74.5	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	73.3	80.5	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	76.1	84.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	79.3	88.6	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	81.3	90.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	83.1	93.0	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	83.2	93.1	95.4	96.0	96.2	96.2	96.2	96.3	96.3	96.3
GE 1500	83.6	93.5	95.8	96.4	96.7	96.7	96.7	96.8	96.8	96.8
GE 1200	83.7	93.6	95.9	96.5	97.0	97.0	97.0	97.1	97.1	97.1
GE 1000	83.7	93.8	96.6	97.2	97.3	97.3	97.3	98.0	98.0	98.0
GE 900	83.8	93.9	96.8	97.4	98.3	98.3	98.3	98.4	98.4	98.4
GE 800	83.8	93.9	96.8	97.4	98.5	98.5	98.5	98.6	98.6	98.6
GE 700	84.1	94.1	97.0	97.8	99.0	99.0	99.0	99.1	99.1	99.1
GE 600	84.2	94.5	97.5	98.5	99.7	99.7	99.7	99.8	99.8	99.8
GE 500	84.2	94.5	97.5	98.5	99.7	99.9	99.9	100.0	100.0	100.0
GE 400	84.2	94.5	97.5	98.5	99.7	99.9	99.9	100.0	100.0	100.0
GE 300	84.2	94.5	97.5	98.5	99.7	99.9	99.9	100.0	100.0	100.0
GE 200	84.2	94.5	97.5	98.5	99.7	99.9	99.9	100.0	100.0	100.0
GE 100	84.2	94.5	97.5	98.5	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

4

0 - 2 - 40

10. FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

4-2 3A

PERIOD OF RECORD: JUN 78 - MAY 84

MONTH: MAY HOURS: 15-17

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	49.6	53.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	51.3	55.3	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	52.1	55.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	52.3	55.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	53.2	58.2	59.2	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	55.7	70.5	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	63.5	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	70.0	75.2	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	73.6	79.2	81.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	74.3	80.0	82.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
GE 6000	74.9	81.2	83.5	84.5	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	76.2	82.5	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	77.4	83.7	86.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	83.7	87.6	90.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	81.3	89.2	91.5	93.0	93.2	93.2	93.3	93.3	93.3	93.3
GE 3000	82.6	90.1	93.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	83.3	90.0	93.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3
GE 2000	83.7	91.8	94.7	95.9	95.1	95.1	95.2	95.2	95.2	95.2
GE 1800	83.7	91.9	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.4
GE 1600	83.3	92.2	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	84.1	92.5	95.4	96.6	97.0	97.0	97.2	97.2	97.2	97.2
GE 1000	84.3	92.5	95.1	97.4	97.5	97.3	98.2	98.3	98.3	98.3
GE 900	84.3	93.0	95.2	97.5	97.9	98.0	98.3	98.4	98.4	98.4
GE 800	84.3	93.0	95.3	97.5	98.2	98.3	98.5	98.5	98.5	98.5
GE 700	84.3	93.1	95.4	97.7	98.3	98.4	98.6	98.7	98.7	98.7
GE 600	84.3	93.1	95.4	97.7	98.5	98.7	98.9	99.0	99.0	99.0
GE 500	84.3	93.1	95.5	97.5	98.7	98.5	99.0	99.1	99.1	99.1
GE 400	84.3	93.1	95.5	97.5	98.7	98.9	99.2	99.6	99.3	99.3
GE 300	84.3	93.1	95.5	97.5	98.7	98.9	99.2	99.6	99.3	99.3
GE 200	84.3	93.1	95.5	97.5	98.7	98.9	99.2	99.6	99.3	99.3
GE 100	84.3	93.1	95.5	97.5	98.7	98.9	99.2	99.6	99.3	99.3
GE 500	84.3	93.1	95.5	97.5	98.7	98.9	99.2	99.6	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 920

MONTH: MAY HOURS: 15-20

1

OPERATING LOCATION "A"
JSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

20-1
10-1

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	65.2	58.2	59.9	59.2	59.2	60.2	60.2	60.2	60.2	60.2
GE 20000	63.3	67.2	67.7	69.3	69.6	69.3	69.6	69.6	69.6	69.6
GE 18000	63.3	67.2	69.3	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	63.3	67.9	69.3	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	64.9	67.9	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	66.7	70.6	72.3	72.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	70.5	73.4	75.3	75.0	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	71.1	73.7	77.2	77.3	78.7	78.3	78.3	78.3	78.3	78.3
GE 8000	73.4	77.5	80.3	81.5	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	74.4	79.4	81.2	82.5	83.2	82.2	83.2	83.2	83.2	83.2
GE 6000	74.5	79.5	81.4	82.7	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	75.3	82.1	83.6	85.3	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	77.5	82.7	84.5	86.0	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	78.0	85.0	85.9	88.1	88.2	88.0	88.0	88.0	88.0	88.0
GE 3500	79.3	86.3	86.5	89.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	80.9	87.7	89.7	92.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	81.5	87.5	91.0	93.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	82.5	89.9	92.7	94.9	95.2	95.2	95.4	95.6	95.6	95.6
GE 1800	82.5	89.9	92.5	95.1	95.4	95.4	95.5	95.7	95.7	95.7
GE 1600	82.7	90.0	93.3	95.6	97.1	97.1	97.2	97.4	97.4	97.4
GE 1400	82.9	90.2	93.5	95.8	97.4	97.4	97.5	97.7	97.7	97.7
GE 1200	83.2	90.5	94.0	95.2	97.9	97.9	98.0	98.2	98.2	98.2
GE 1000	83.2	90.7	94.1	95.4	98.0	98.0	98.2	98.4	98.4	98.4
GE 900	83.2	90.7	94.1	95.7	98.4	98.4	98.5	98.7	98.7	98.7
GE 800	83.2	90.7	94.1	95.7	98.4	98.4	98.5	98.7	98.7	98.7
GE 700	83.2	90.7	94.1	95.7	98.4	98.4	98.5	98.7	98.7	98.7
GE 600	83.2	90.7	94.1	95.7	98.4	98.4	98.5	98.7	98.7	98.7
GE 500	83.2	90.7	94.1	95.7	98.4	98.4	98.5	98.7	98.7	98.7
GE 400	83.2	90.9	94.5	97.2	99.2	99.2	99.5	99.8	99.8	100.0
GE 300	83.2	90.9	94.5	97.2	99.2	99.2	99.5	99.8	99.8	100.0
GE 200	83.2	90.9	94.5	97.2	99.2	99.2	99.5	99.8	99.8	100.0
GE 100	83.2	90.9	94.5	97.2	99.2	99.2	99.5	99.8	99.8	100.0
GE 000	83.2	90.9	94.5	97.2	99.2	99.2	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 613

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AREA 6A

PERIOD OF RECORD: JUN 73 - MAY 78
MONTH: MAY HOURS: 21-23

.....
VISIBILITY IN STATUTE MILES

CEILING	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 0
0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
10	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
15	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
20	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
25	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
30	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
35	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
40	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
45	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
50	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
55	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
60	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
65	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
70	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
75	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
80	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
85	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
90	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
105	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
110	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
115	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
120	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
125	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
130	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
135	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
140	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
145	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
155	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
160	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
165	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
170	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
175	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
180	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
185	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
190	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
195	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
205	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
210	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
215	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
220	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
225	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
230	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
235	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
240	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
245	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
255	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
260	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
265	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
270	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
275	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
280	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
285	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
290	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
295	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFSTAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 400-LY TO 500-LY

STATION NUMBER: 722270

STATION NAME: DUBLIN AFB GA
LST TIME: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	47.5	51.2	52.5	53.0	53.3	53.3	53.3	53.4	53.4
GE 20000	54.4	59.3	61.0	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	54.5	59.4	61.1	61.6	62.0	62.0	62.0	62.1	62.1
GE 16000	54.7	59.7	61.2	61.7	62.0	62.0	62.1	62.1	62.1
GE 14000	51.4	50.2	61.9	62.4	62.7	62.7	62.7	62.7	62.7
GE 12000	55.3	61.3	63.1	63.5	63.9	63.9	64.0	64.0	64.0
GE 10000	52.7	55.5	57.4	58.1	58.5	58.5	58.5	58.7	58.7
GE 9000	53.4	55.1	57.1	58.7	59.2	59.2	59.3	59.3	59.3
GE 8000	52.2	54.5	71.0	71.9	72.4	72.5	72.5	72.6	72.6
GE 7000	52.3	59.5	71.5	72.7	73.3	73.3	73.4	73.4	73.4
GE 6000	53.2	72.1	72.4	73.3	73.9	73.9	74.0	74.1	74.1
GE 5000	54.7	72.3	74.6	75.4	75.1	75.1	75.2	75.3	75.3
GE 4500	55.7	72.7	75.4	76.4	77.1	77.1	77.2	77.3	77.3
GE 4000	51.5	75.3	77.0	76.1	76.7	76.9	77.0	77.1	77.1
GE 3500	70.2	74.3	81.1	82.7	82.9	83.1	83.2	83.3	83.3
GE 3000	72.7	81.2	84.2	85.5	85.2	85.4	85.5	85.7	85.7
GE 2500	74.0	82.7	85.7	87.1	87.5	87.9	88.2	88.3	88.3
GE 2000	75.3	84.5	87.7	89.5	89.9	89.1	89.3	89.5	89.5
GE 1800	75.6	84.7	87.9	89.3	89.2	89.4	89.5	89.5	89.5
GE 1600	75.7	85.3	88.5	90.3	91.7	91.4	91.7	91.9	91.9
GE 1400	75.7	85.4	89.0	91.5	92.7	92.3	92.2	92.4	92.4
GE 1200	77.2	87.0	90.3	92.5	93.7	93.9	94.3	94.5	94.5
GE 1000	77.3	87.3	91.2	92.9	94.3	94.5	94.9	95.1	95.1
GE 800	77.4	87.5	91.7	93.5	95.0	95.2	95.7	95.9	95.9
GE 700	77.5	87.7	91.9	93.8	95.4	95.6	95.1	95.4	95.4
GE 600	77.5	87.9	92.3	94.3	95.0	95.3	95.9	97.2	97.3
GE 500	77.7	87.0	92.5	94.5	95.5	97.3	97.5	98.0	98.1
GE 400	77.7	88.0	92.5	94.7	95.5	97.3	98.1	98.5	98.5
GE 300	77.7	88.2	92.5	94.7	95.5	97.3	98.2	98.9	99.1
GE 200	77.7	88.3	92.5	94.7	95.7	97.4	98.2	99.0	99.2
GE 100	77.7	88.0	92.5	94.7	95.8	97.4	98.2	99.0	99.2
GE 000	77.7	88.0	92.5	94.7	95.9	97.4	98.2	99.0	99.2

TOTAL NUMBER OF OBSERVATIONS 5844

P

15353

MONTH: MAY HOURS: ALL

15

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBOINS AFB GA

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 1/2	GE 1/4
NO CEIL	44.1	50.0	57.4	60.2	62.2	63.0	63.3	63.3	63.3
GE 20000	47.2	55.2	62.0	65.2	67.2	68.0	68.3	68.5	68.5
GE 18000	47.2	55.2	62.0	65.2	67.2	68.0	68.3	68.5	68.5
GE 16000	47.4	55.5	62.4	65.5	67.5	68.3	68.7	68.9	68.9
GE 14000	48.0	55.3	63.1	65.3	68.3	69.1	69.4	69.6	69.6
GE 12000	48.1	55.7	63.5	65.7	68.7	69.4	69.3	70.0	70.0
GE 10000	50.4	59.5	65.9	70.2	72.5	73.3	73.7	73.9	73.9
GE 9000	50.4	59.5	65.9	70.2	72.5	73.7	74.1	74.3	74.3
GE 8000	51.5	62.0	69.3	73.1	75.5	75.3	77.0	77.2	77.2
GE 7000	52.2	63.1	70.4	74.3	76.7	77.4	78.1	78.3	78.3
GE 6000	52.2	63.3	70.5	74.6	77.0	77.8	78.5	78.7	78.7
GE 5000	52.5	63.9	71.1	75.5	78.0	78.7	79.4	79.6	79.6
GE 4500	53.1	64.6	71.9	75.3	78.7	79.4	80.2	80.4	80.4
GE 4000	53.5	65.2	72.5	77.5	80.4	81.1	81.7	82.0	82.0
GE 3500	53.9	65.7	73.3	78.5	81.3	82.0	82.8	83.0	83.0
GE 3000	54.3	66.1	73.7	78.9	81.9	82.6	83.3	83.5	83.5
GE 2500	54.4	66.3	74.1	79.3	82.2	83.0	83.7	83.9	83.9
GE 2000	54.4	67.4	75.2	80.5	84.1	84.3	85.0	85.7	85.7
GE 1800	54.3	67.5	75.6	80.9	84.4	85.2	85.9	86.1	86.1
GE 1500	55.0	68.0	76.1	81.5	85.0	85.9	86.7	86.9	86.9
GE 1200	55.2	68.9	77.2	83.0	86.7	87.5	88.3	88.5	88.5
GE 1000	55.7	69.5	78.1	84.3	88.0	88.7	89.5	89.5	89.5
GE 900	55.9	70.0	79.3	85.4	89.1	90.0	90.7	90.9	90.9
GE 800	56.3	70.4	80.0	86.1	89.8	90.7	91.7	91.9	91.9
GE 700	56.5	70.7	80.4	86.5	90.4	91.3	92.2	92.4	92.4
GE 600	57.2	71.7	81.3	87.6	91.5	92.4	93.5	93.7	93.7
GE 500	57.4	72.5	83.3	89.5	93.5	94.4	95.5	95.7	95.7
GE 400	57.5	72.8	83.7	90.4	94.4	95.4	96.7	96.9	96.9
GE 300	58.0	73.3	84.4	91.3	95.5	96.5	97.8	98.0	98.0
GE 200	58.0	73.3	84.4	91.3	95.5	96.5	98.1	98.3	98.3
GE 100	58.0	73.3	84.4	91.3	95.5	96.5	98.1	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 540

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: AFB GA PERIOD OF RECORD: JUN 72 - MAY 83
MONTH: JUN HOURS: 03-05

.....										
CEILING IN STATUTE MILES										
1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7
65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7
66.0	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1
67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8
68.0	68.3	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2
69.0	71.7	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1
70.0	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
71.0	77.3	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
72.0	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5
73.0	78.5	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9
74.0	79.4	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
75.0	80.2	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6
76.0	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
77.0	82.3	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
78.0	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
79.0	83.7	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1
80.0	85.0	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
81.0	85.9	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3
82.0	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
83.0	88.3	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7
84.0	89.5	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8
85.0	90.7	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1
86.0	91.7	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
87.0	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
88.0	93.5	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9
89.0	95.5	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
90.0	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
91.0	97.8	98.0	98.0	98.1	98.3	98.3	98.5	98.5	98.5	98.5
92.0	98.1	98.3	98.3	98.5	98.7	98.7	98.9	98.9	98.9	98.9
93.0	98.1	98.3	98.3	98.5	98.7	98.7	98.9	98.9	100.0	100.0
94.0	98.1	98.3	98.3	98.5	98.7	98.7	98.9	98.9	100.0	100.0
.....										

OPERATING LOCATION "A"
USAFB TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET						VISIBILITY IN STATUTE MILES				
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	34.4	46.2	51.5	55.1	54.5	57.4	51.2	56.3	54.3	
GE 20000	37.3	50.1	55.1	50.2	51.5	52.7	53.5	53.5	53.5	
GE 18000	37.3	50.1	55.1	50.2	51.5	52.7	53.5	53.5	53.5	
GE 16000	37.4	50.2	55.2	50.3	51.9	52.3	53.7	53.9	53.9	
GE 14000	37.6	50.5	55.5	50.7	52.2	53.1	54.0	54.2	54.2	
GE 12000	38.2	51.4	57.5	51.9	53.3	54.2	55.1	55.3	55.3	
GE 10000	40.7	54.7	61.1	55.7	57.2	58.1	59.0	59.3	59.3	
GE 9000	41.0	55.1	61.3	55.3	53.4	59.3	70.2	70.5	70.5	
GE 8000	43.0	57.4	64.3	59.5	71.4	72.3	73.4	73.8	73.8	
GE 7000	43.9	58.4	65.4	70.9	72.3	73.7	74.4	75.1	75.1	
GE 6000	44.0	58.7	65.7	71.2	73.1	74.0	75.1	75.4	75.4	
GE 5000	44.4	59.2	65.3	72.1	74.1	75.0	75.1	75.4	75.4	
GE 4500	44.5	59.3	65.4	72.3	74.3	75.2	75.3	75.7	75.7	
GE 4000	45.2	60.1	67.7	73.9	75.9	76.3	77.9	78.2	78.2	
GE 3500	45.8	60.7	68.2	74.5	76.5	77.4	78.6	78.9	78.9	
GE 3000	45.1	61.1	68.2	75.1	77.1	78.0	79.1	79.5	79.5	
GE 2500	45.3	61.5	69.3	75.7	77.7	78.5	79.7	80.1	80.1	
GE 2000	45.4	61.9	69.9	76.4	78.4	79.4	80.5	81.0	81.0	
GE 1800	45.5	62.0	70.0	76.5	78.5	79.5	80.7	81.1	81.1	
GE 1500	45.9	63.0	71.3	78.3	80.3	81.4	82.5	83.0	83.0	
GE 1200	47.1	63.9	72.3	79.3	82.2	83.3	84.4	85.0	85.0	
GE 1000	47.4	64.4	73.4	80.3	83.3	85.0	85.1	85.7	85.7	
GE 900	47.5	64.9	74.4	81.3	84.9	86.2	87.3	87.9	87.9	
GE 800	48.0	65.6	75.2	82.3	85.1	87.4	88.7	89.2	89.2	
GE 700	48.1	65.4	76.8	84.6	83.0	89.4	90.9	91.6	91.6	
GE 600	48.4	67.2	77.7	85.7	89.2	90.7	92.2	92.9	92.9	
GE 500	48.7	67.8	78.8	86.9	90.9	92.4	94.4	95.3	95.3	
GE 400	48.7	67.9	79.3	88.1	92.3	93.9	95.1	97.3	97.3	
GE 300	48.3	68.0	79.4	88.3	92.3	94.3	95.5	98.0	98.0	
GE 200	48.3	68.0	79.4	88.3	92.3	94.3	95.5	98.2	98.2	
GE 100	48.3	68.0	79.4	88.3	92.3	94.3	95.5	98.2	98.2	
GE 000	48.3	68.0	79.4	88.3	92.3	94.3	95.5	98.2	98.2	

TOTAL NUMBER OF OBSERVATIONS 900

1

0 - 2 - 45

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 3A

PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: JUN HOURS: 06-08

VISIBILITY IN STATUTE MILES

	GE 1/2	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
0.0	50.2	50.3	50.3	50.3	50.3	50.5	50.7	50.8	50.8	50.8	50.8
0.1	53.6	53.5	53.3	53.9	54.1	54.2	54.3	54.3	54.3	54.3	54.3
0.2	53.5	53.8	53.3	53.9	54.1	54.2	54.3	54.3	54.3	54.3	54.3
0.3	53.7	53.9	53.3	54.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4
0.4	54.0	54.2	54.2	54.3	54.5	54.7	54.8	54.8	54.8	54.8	54.8
0.5	55.1	55.3	55.3	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9
0.6	59.0	59.3	59.3	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9
0.7	70.2	70.5	70.5	70.7	70.9	71.0	71.1	71.1	71.1	71.1	71.1
0.8	73.4	73.8	73.8	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3
0.9	74.8	75.1	75.1	75.2	75.4	75.5	75.7	75.7	75.7	75.7	75.7
1.0	75.1	75.4	75.4	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0
1.1	75.1	75.4	75.4	75.5	75.5	75.9	77.0	77.0	77.0	77.0	77.0
1.2	75.3	76.7	76.7	76.5	77.0	77.1	77.2	77.2	77.2	77.2	77.2
1.3	77.0	78.2	78.2	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8
1.4	78.6	78.9	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4
1.5	79.1	79.5	79.5	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1
1.6	79.7	80.1	80.1	80.2	80.4	80.5	80.7	80.7	80.7	80.7	80.7
1.7	80.5	81.0	81.0	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5
1.8	80.7	81.1	81.1	81.2	81.4	81.5	81.7	81.7	81.7	81.7	81.7
1.9	82.5	83.0	83.0	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5
2.0	84.4	85.0	85.0	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5
2.1	85.1	85.7	85.7	85.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2
2.2	87.3	87.9	87.9	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4
2.3	88.7	89.2	89.2	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8
2.4	89.9	91.5	91.5	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1
2.5	92.2	92.9	92.9	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4
2.6	94.4	95.3	95.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9
2.7	95.1	97.3	97.3	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0
2.8	95.5	98.0	98.0	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9
2.9	95.8	98.2	98.2	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.4
3.0	95.8	98.2	98.2	98.5	99.1	99.2	99.3	99.5	99.7	100.0	100.0
3.1	95.3	98.2	98.2	98.5	99.1	99.2	99.3	99.5	99.7	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	44.7	55.0	57.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	47.2	58.3	61.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	47.2	58.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	47.2	58.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	47.2	58.3	61.3	63.4	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	47.5	58.4	62.4	64.0	64.4	64.4	64.4	64.4	64.4	64.4
GE 10000	50.5	63.1	67.0	68.6	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	50.7	63.4	67.3	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	53.0	65.7	70.2	71.9	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	53.3	65.1	70.3	72.7	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	53.3	65.1	70.3	72.7	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	54.1	67.8	72.7	74.5	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	54.2	67.9	72.3	74.7	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	54.3	68.4	73.3	75.2	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	55.5	69.3	74.2	76.1	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	56.3	71.0	75.1	78.1	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	57.5	72.1	77.4	79.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2000	57.1	74.9	80.7	83.3	84.5	84.5	84.7	84.7	84.7	84.7
GE 1800	59.4	75.7	81.4	84.2	85.4	85.4	85.5	85.5	85.5	85.5
GE 1500	60.7	77.7	84.1	87.2	88.6	88.6	88.7	88.7	88.7	88.7
GE 1200	61.7	79.2	85.9	89.9	92.0	92.1	92.2	92.2	92.2	92.2
GE 1000	62.1	80.4	87.5	92.2	95.0	95.2	95.3	95.3	95.3	95.3
GE 900	62.3	81.0	89.4	93.2	95.0	95.2	95.3	95.3	95.3	95.3
GE 800	62.4	81.1	89.9	93.7	95.4	95.3	95.9	95.9	95.9	95.9
GE 700	62.5	81.5	89.6	94.4	97.4	97.9	98.0	98.1	98.1	98.1
GE 600	62.7	81.7	89.7	94.5	97.5	98.0	98.2	98.5	98.5	98.5
GE 500	62.7	81.8	89.8	95.1	98.1	98.5	98.8	99.3	99.3	99.3
GE 400	62.7	81.8	89.8	95.1	98.2	98.7	98.9	99.6	99.7	99.7
GE 300	62.7	81.8	89.8	95.1	98.2	98.7	98.9	99.5	99.8	99.8
GE 200	62.7	81.8	89.8	95.1	98.2	98.7	98.9	99.5	99.8	99.8
GE 100	62.7	81.8	89.8	95.1	98.2	98.7	98.9	99.5	99.8	99.8
GE 000	62.7	81.8	89.8	95.1	98.2	98.7	98.9	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

F

٥٤٠ - ٥٤١ - ٥٤٢

.....
 LIABILITY IN STATUTE WILFS

7 - 2 - 45

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	45.8	52.0	52.3	53.1	53.2	53.2	53.2	53.2	53.2
GE 20000	52.2	59.8	61.2	61.3	61.9	61.9	61.9	61.9	61.9
GE 18000	52.3	60.4	61.9	62.4	62.6	62.6	62.6	62.6	62.6
GE 16000	52.3	60.4	61.9	62.4	62.6	62.6	62.6	62.6	62.6
GE 14000	52.3	60.7	62.1	62.7	62.3	62.3	62.3	62.3	62.3
GE 12000	53.4	61.7	63.1	63.7	63.3	63.3	63.3	63.3	63.3
GE 10000	55.4	64.3	65.1	65.7	65.8	66.3	65.9	65.3	65.2
GE 9000	55.7	64.8	65.5	67.1	67.2	67.2	67.2	67.2	67.2
GE 8000	57.3	67.0	69.2	70.3	70.2	70.2	70.2	70.2	70.2
GE 7000	58.2	67.4	69.3	70.5	70.4	70.9	70.3	70.9	70.9
GE 6000	53.2	67.4	69.3	70.5	70.3	70.9	70.9	70.9	70.9
GE 5000	53.7	68.1	70.4	71.2	71.5	71.7	71.3	71.3	71.3
GE 4500	59.4	69.1	71.4	72.2	72.5	72.7	72.4	72.3	72.3
GE 4000	62.9	74.0	77.0	77.9	73.3	73.4	73.5	73.5	73.5
GE 3500	55.0	74.9	80.2	81.6	82.0	82.1	82.2	82.2	82.2
GE 3000	59.3	62.9	67.4	82.1	89.7	83.8	89.3	89.3	89.3
GE 2500	70.9	84.9	89.5	91.7	92.2	92.3	92.4	92.5	92.5
GE 2000	72.3	87.0	92.1	94.4	95.0	95.1	95.3	95.4	95.4
GE 1800	72.3	87.6	92.9	95.3	95.0	95.1	95.3	95.4	95.4
GE 1600	72.9	87.3	93.2	95.9	96.5	96.7	97.0	97.1	97.1
GE 1200	73.2	83.4	93.9	95.3	97.4	97.6	97.9	98.0	98.0
GE 1000	73.4	85.3	95.0	98.1	98.8	98.9	99.2	99.3	99.3
GE 900	73.4	89.0	95.1	98.2	98.9	99.0	99.3	99.4	99.4
GE 800	73.5	89.1	95.2	98.3	99.1	99.2	99.5	99.7	99.7
GE 700	73.5	89.1	95.2	98.3	99.1	99.2	99.5	99.7	99.7
GE 600	73.5	89.1	95.2	98.3	99.1	99.2	99.5	99.7	99.7
GE 500	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9
GE 400	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9
GE 300	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9
GE 200	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9
GE 100	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9
G 000	73.5	89.1	95.2	98.3	99.1	99.2	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

PERIOD OF RECORD: JUN 75 - MAY 80
MONTH: JUN HOURS: 12-14

9 - 2 - 47

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM 45 JULY 1955 OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBS AFB GA
LST TO UTC: + 5

2141
4001

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	50.3	56.5	57.4	57.8	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	59.7	67.4	63.2	68.7	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	59.9	67.7	63.4	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	59.3	67.7	63.4	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	60.0	60.1	63.0	69.4	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	60.0	69.0	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	64.3	74.6	72.6	75.1	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	65.3	75.3	75.1	75.7	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	65.3	73.7	79.9	80.6	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	69.2	79.6	80.9	81.6	82.5	82.6	82.7	82.7	82.7	82.7
GE 6000	69.4	79.6	81.1	81.8	82.3	82.3	82.9	82.9	82.9	82.9
GE 5000	71.1	81.4	82.8	83.4	84.7	84.7	84.8	84.8	84.8	84.8
GE 4500	72.3	82.9	84.2	84.9	85.1	85.1	85.2	85.2	85.2	85.2
GE 4000	74.2	85.3	87.6	88.6	89.9	89.9	90.0	90.0	90.0	90.0
GE 3500	75.5	87.6	89.3	90.4	91.8	91.9	91.9	92.0	92.0	92.0
GE 3000	77.2	90.5	92.4	93.8	95.1	95.1	95.3	95.4	95.4	95.4
GE 2500	78.4	92.2	94.1	95.7	97.1	97.1	97.3	97.4	97.4	97.4
GE 2000	78.4	92.4	94.4	95.1	97.8	97.9	98.1	98.2	98.2	98.2
GE 1800	73.5	92.6	94.6	95.2	98.0	98.1	98.3	98.4	98.4	98.4
GE 1500	78.6	92.5	94.6	95.3	98.1	98.2	98.4	98.7	98.7	98.7
GE 1200	73.6	92.8	94.9	95.3	98.5	98.7	98.9	99.1	99.1	99.1
GE 1000	73.6	92.9	95.0	95.9	98.9	99.0	99.3	99.6	99.6	99.6
GE 900	73.6	92.9	95.0	95.9	98.9	99.0	99.3	99.6	99.6	99.6
GE 800	73.7	93.0	95.1	97.1	99.1	99.2	99.4	99.6	99.6	99.6
GE 700	73.7	93.0	95.1	97.1	99.1	99.2	99.5	99.8	99.8	99.8
GE 600	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 500	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 400	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 300	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 200	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 100	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8
GE 000	73.7	93.0	95.1	97.1	99.1	99.2	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

4

0 - 2 - 48

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY AS IN hourly OBSERVATIONS

14-00000

PERIOD OF RECORD: JUN 74 - MAY 75
MONTH: JUN HQDP5: 15-17

MILEAGE IN STATUTE MILES

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 400-HLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUMFRIES AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 1	GE 0	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	54.8	50.2	61.3	51.9	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	53.0	71.3	72.8	73.4	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	54.5	72.0	73.4	74.1	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	54.9	72.3	73.3	74.3	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	55.4	72.9	74.7	75.4	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	55.7	73.6	75.4	76.2	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	71.5	80.6	82.4	83.4	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000	72.0	81.1	83.0	84.0	84.8	84.8	84.8	84.8	84.8	84.8
GE 8000	75.2	84.9	87.0	88.1	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	75.4	85.1	87.4	88.7	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	75.5	85.4	87.5	89.0	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	76.7	86.2	89.1	90.3	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	77.3	87.2	90.2	91.4	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	78.0	89.6	91.7	93.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	79.4	90.0	92.3	93.7	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	80.1	91.0	93.6	94.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 2500	80.2	91.5	94.3	95.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 2000	81.2	92.4	95.0	96.0	98.1	98.1	98.4	98.4	98.4	98.4
GE 1800	81.2	92.4	95.0	96.0	98.1	98.1	98.4	98.4	98.4	98.4
GE 1500	81.3	92.8	95.3	97.2	98.4	98.4	98.8	98.8	98.8	98.8
GE 1200	81.4	92.9	95.4	97.4	98.7	98.7	99.0	99.0	99.0	99.0
GE 1000	81.5	93.0	95.6	97.5	98.8	98.8	99.1	99.1	99.1	99.1
GE 900	81.5	93.0	95.6	97.5	98.8	98.8	99.1	99.1	99.1	99.1
GE 800	81.7	93.1	95.7	97.7	98.9	98.9	99.2	99.3	99.3	99.3
GE 700	81.7	93.1	95.7	97.7	98.9	98.9	99.2	99.3	99.3	99.3
GE 600	81.7	93.1	95.7	97.7	98.9	98.9	99.2	99.3	99.3	99.3
GE 500	81.7	93.1	95.8	97.8	99.0	99.0	99.3	99.4	99.4	99.4
GE 400	81.7	93.1	95.8	97.8	99.0	99.0	99.3	99.4	99.4	99.4
GE 300	81.7	93.1	95.8	97.8	99.0	99.0	99.3	99.4	99.4	99.4
GE 200	81.7	93.1	95.8	97.8	99.0	99.0	99.3	99.4	99.4	99.4
GE 100	81.7	93.1	95.8	97.8	99.0	99.0	99.3	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 300

14

PERIOD OF RECORD: JUN 75 - MAY 80
MONTH: JUN HOURS: 18-20

.....

MILEAGE IN STATUTE MILES

[illegible][illegible][illegible]

.1	75.1	76.1	76.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
.2	77.2	78.2	78.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2

[illegible][illegible][illegible]

1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410

[illegible][illegible][illegible][illegible]

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4

11	98.4	98.4	98.4	98.5	98.5	98.6	98.5	98.5	98.5	98.5

11	93.6	93.4	93.4	92.5	94.6	93.5	93.6	93.5	92.5	94.6

93.4	93.7	94.0	94.3	94.6	94.9	95.2	95.5	95.8	96.1

1	22.1	24.0	27.3	27.2	27.2	27.2	27.2	27.2	27.2	27.2

1	27.1	29.1	33.1	37.4	39.4	39.4	39.4	39.4	39.4	39.4

91.1	92.1	93.1	94.4	95.4	96.4	97.4	98.4	99.4	99.6

10	74.2	77.3	74.3	79.7	99.7	79.7	99.7	99.7	97.7	97.7

91.1	91.2	93.3	93.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7

94.2 99.3 99.3 99.7 99.7 99.7 99.7 99.7 99.7 99.7

[illegible]

99.3	99.4	99.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0

97.3	97.4	97.4	97.8	99.9	99.9	100.0	100.0	100.0	100.0

77.3	97.4	77.4	79.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

.1	77.3	97.4	77.4	77.4	97.6	99.9	100.0	100.0	100.0	100.

97.3	99.4	99.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0

[illegible]

99.3	99.3	99.4	99.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION: MAW
USAFSTAC, ASH-VILL NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
1800 JULY 1954

STATION NUMBER: 722270

STATION NAME: DEARBORN AFB GA
LST TIME UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	57 7	56 5	55 5	54 4	53 3	52 2 1/2	51 2	50 1 1/2	49 1 1/2	48 1 1/2
NO CEIL	50.5	55.3	65.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	54.3	74.5	75.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
GE 17000	54.3	74.5	75.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	54.3	74.5	75.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	54.2	75.3	77.2	78.7	78.3	78.5	79.2	79.2	79.2	79.2
GE 12000	53.3	75.7	77.5	79.0	79.2	79.2	79.5	79.5	79.5	79.5
GE 10000	72.7	51.3	33.7	35.2	35.3	35.3	35.7	35.7	35.7	35.7
GE 9000	74.0	31.7	34.0	35.5	35.7	35.7	35.0	35.0	35.0	35.0
GE 8000	77.7	25.7	23.2	29.7	29.3	29.2	29.2	29.2	29.2	29.2
GE 7000	77.3	25.3	23.5	29.0	29.2	29.2	29.5	29.5	29.5	29.5
GE 6000	77.5	25.3	21.5	20.3	20.2	20.2	20.5	20.5	20.5	20.5
GE 5000	71.0	20.2	35.5	30.3	20.5	20.5	20.5	20.5	20.5	20.5
GE 4500	71.7	25.7	22.3	26.5	21.0	21.0	21.5	21.5	21.5	21.5
GE 4000	72.7	27.7	20.5	22.3	22.5	22.5	22.3	22.3	22.3	22.3
GE 3500	79.5	23.0	20.3	23.0	25.2	23.2	23.5	23.5	23.5	23.5
GE 3000	41.3	29.7	22.5	24.7	25.0	25.0	25.5	25.5	25.5	25.5
GE 2500	41.3	21.2	23.2	25.3	25.2	25.3	25.3	25.5	25.5	25.5
GE 2000	42.2	21.0	24.0	27.0	27.5	27.5	28.3	28.3	28.3	28.3
GE 1800	42.2	21.0	24.0	27.0	27.3	27.3	27.7	27.7	27.7	27.7
GE 1600	42.2	21.0	24.0	27.3	27.7	27.7	28.7	28.7	28.7	28.7
GE 1400	42.2	21.0	24.0	27.3	27.7	27.7	28.7	28.7	28.7	28.7
GE 1200	42.2	21.0	24.0	27.3	27.7	27.7	28.7	28.7	28.7	28.7
GE 1000	42.2	21.2	24.2	27.5	27.3	27.3	28.3	28.3	28.3	28.3
GE 900	42.2	21.2	24.2	27.5	27.5	27.5	28.3	28.3	28.3	28.3
GE 800	42.5	21.5	24.7	28.0	28.3	28.5	28.3	28.7	28.7	28.7
GE 700	42.5	21.5	24.7	28.0	28.3	28.5	28.3	28.7	28.7	28.7
GE 600	42.7	21.7	24.5	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 500	42.7	21.7	24.3	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 400	42.7	21.7	24.3	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 300	42.7	21.7	24.5	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 200	42.7	21.7	24.3	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 100	42.7	21.7	24.5	28.2	28.5	28.7	28.5	28.5	28.5	28.5
GE 000	42.7	21.7	24.3	28.2	28.5	28.7	28.5	28.5	28.5	28.5

TOTAL NUMBER OF OBSERVATIONS 600

F

64-45454

MONTH: JUN DURS: 21-23

1 - 2 - 50

B

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

GMT
MST

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	47.5	54.2	57.4	58.7	59.2	59.5	59.6	59.6	59.6	59.6
GE 20000	53.5	52.3	55.1	55.7	57.4	57.5	57.5	57.9	57.9	57.9
GE 18000	53.5	52.5	55.4	57.0	57.7	57.9	58.1	58.1	58.1	57.9
GE 16000	53.7	52.6	55.5	57.1	57.5	58.0	58.2	58.2	58.2	58.2
GE 14000	53.9	53.0	55.3	57.5	58.4	58.5	58.3	58.3	58.3	58.3
GE 12000	54.3	53.3	55.7	58.4	59.1	59.4	59.5	59.6	59.6	59.6
GE 10000	57.8	58.2	71.5	73.3	74.1	74.3	74.5	74.5	74.5	74.5
GE 8000	58.2	58.5	72.0	73.3	74.7	74.3	75.1	75.2	75.2	75.2
GE 6000	60.5	71.5	75.2	77.2	73.2	75.4	75.7	73.7	73.7	73.7
GE 4000	61.2	72.1	75.9	74.0	73.0	70.3	73.6	74.6	71.5	74.5
GE 2000	61.2	72.2	75.0	73.2	70.2	70.4	70.7	70.7	70.7	70.7
GE 1000	62.0	73.3	77.1	73.3	69.4	69.7	61.0	61.0	61.0	61.0
GE 800	62.7	73.0	77.3	69.1	61.2	61.4	61.7	61.3	61.3	61.3
GE 600	64.0	75.9	80.0	62.5	63.7	63.9	64.2	64.3	64.3	64.3
GE 400	64.9	77.0	81.2	63.8	65.0	65.3	65.6	65.7	65.7	65.7
GE 300	65.4	77.1	83.7	66.4	67.7	67.9	68.3	68.4	68.4	68.4
GE 200	67.2	80.2	84.3	67.3	69.1	69.3	69.7	69.3	69.3	69.3
GE 1000	67.5	81.3	86.2	69.4	70.5	71.1	71.5	71.7	71.7	71.7
GE 800	68.0	81.6	86.5	69.5	71.2	71.5	72.0	72.1	72.1	72.1
GE 600	68.3	82.2	87.3	70.5	72.3	72.6	73.1	73.2	73.2	73.2
GE 400	68.5	82.7	88.1	71.5	73.5	73.8	74.3	74.5	74.5	74.5
GE 300	68.8	83.3	88.5	72.7	74.7	75.0	75.5	75.7	75.7	75.7
GE 200	68.9	83.5	89.2	73.2	75.1	75.5	76.0	76.2	76.2	76.2
GE 100	69.1	83.8	89.6	73.5	75.5	76.0	76.5	76.5	76.5	76.5
GE 800	69.2	84.0	89.7	74.0	76.1	76.6	77.1	77.4	77.4	77.4
GE 600	69.3	84.3	90.2	74.4	76.5	76.9	77.5	77.8	77.8	77.8
GE 400	69.4	84.5	90.5	74.7	77.0	77.5	78.2	78.5	78.5	78.5
GE 300	69.4	84.5	90.7	75.1	77.4	77.8	78.5	79.0	79.1	79.1
GE 200	69.5	84.6	90.8	75.2	77.5	78.0	78.5	79.2	79.3	79.3
GE 100	69.5	84.6	90.8	75.2	77.5	78.0	78.7	79.3	79.4	79.4
GE 800	69.5	84.6	90.8	75.2	77.5	78.0	78.7	79.3	79.4	79.4

TOTAL NUMBER OF OBSERVATIONS 5640

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFB 3A

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUN HOURS: ALL

.....
VISIBILITY IN STATUTE MILES

1/2	3/8	3/4	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
67.5	67.5	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
68.3	68.3	68.3	68.3	68.3	68.9	68.9	69.0	69.0	69.0	69.0
69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7
74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7
75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7
79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9
92.5	92.5	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3
93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7
95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
96.5	96.5	96.5	96.5	96.5	96.9	96.9	97.0	97.0	97.0	97.0
97.1	97.1	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
97.5	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
98.2	98.2	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
98.5	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
99.5	99.5	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9
99.7	99.7	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0
99.8	99.8	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

REF

LST TO UTC: + 5

AM

.....
CEILING VISIBILITY IN STATUTE MILES
IN FEET GE 7 GE 6 GE 5 GE 4 GE 3 GE 2 1/2 GE 2 GE 1 1/2 GE 1 1/4
.....

NO CEIL

GE 20000
GE 18000
GE 16000
GE 14000
GE 12000

GE 10000
GE 9000
GE 8000
GE 7000
GE 6000

GE 5000
GE 4500
GE 4000
GE 3500
GE 3000

33.3 33.3 33.3 33.3 33.3 33.3 33.3

GE 2500 33.3 33.3 33.3 33.3 33.3 33.3 33.3
GE 2000 33.3 33.3 33.3 33.3 33.3 33.3 33.3
GE 1500 33.3 33.3 33.3 33.3 33.3 33.3 33.3
GE 1000 33.3 33.3 33.3 33.3 33.3 33.3 33.3
GE 500 33.3 33.3 100.0 100.0 100.0 100.0 100.0

GE 1000 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 900 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 800 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 700 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 600 33.3 33.3 100.0 100.0 100.0 100.0 100.0

GE 500 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 400 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 300 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 200 33.3 33.3 100.0 100.0 100.0 100.0 100.0
GE 100 33.3 33.3 100.0 100.0 100.0 100.0 100.0

GE 000 33.3 33.3 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 3

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

4-2564

PERIOD OF RECORD: JUN 75 - MAY 82

MONTH: JUL HOURS: 00-02

MILEAGE IN STATUTE MILES

SE	SE	GE	SE	GE	GE	GE	SE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4

.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3

33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3

[illegible]

33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3

33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA

DEPT

LST TO UTC: + 5

MO

.....
CEILING

.....
VISIBILITY IN STATUTE MILES

IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	35.7	43.3	53.3	52.3	65.4	65.5	65.7	65.9	65.9	65.9
GE 20000	32.2	52.6	53.7	58.4	71.1	71.3	72.2	72.5	72.5	72.5
GE 18000	33.3	52.6	53.7	58.4	71.1	71.3	72.2	72.5	72.5	72.5
GE 16000	32.2	52.6	53.7	58.4	71.1	71.3	72.2	72.5	72.5	72.5
GE 14000	33.3	52.6	53.7	58.4	71.1	71.3	72.2	72.5	72.5	72.5
GE 12000	39.3	53.1	64.5	59.1	71.3	72.0	72.9	73.2	73.2	73.2
GE 10000	40.5	54.9	67.3	72.5	75.3	75.9	76.5	77.4	77.4	77.4
GE 9000	40.7	55.3	67.7	72.9	75.1	75.3	77.2	77.7	77.7	77.7
GE 8000	42.2	55.6	69.1	74.3	77.6	77.7	78.6	79.2	79.2	79.2
GE 7000	42.5	55.9	69.5	74.7	77.3	75.1	79.0	79.5	79.5	79.5
GE 6000	42.5	55.9	69.5	74.7	77.9	78.1	79.0	79.5	79.5	79.5
GE 5000	42.9	57.5	70.2	75.4	73.6	78.2	79.7	80.3	80.3	80.3
GE 4500	42.7	57.5	70.2	75.4	73.6	78.5	79.7	80.3	80.3	80.3
GE 4000	42.7	55.2	71.1	75.3	77.7	79.9	80.3	81.3	81.3	81.3
GE 3500	42.3	55.2	71.1	75.3	77.7	79.7	80.3	81.3	81.3	81.3
GE 3000	43.3	55.5	71.3	77.2	80.5	80.8	81.7	82.2	82.2	82.2
GE 2500	43.4	58.2	72.4	77.9	81.3	81.5	82.6	83.1	83.1	83.1
GE 2000	43.3	57.2	72.7	78.3	81.7	81.7	83.3	83.5	83.5	83.5
GE 1800	43.3	59.2	72.7	78.3	81.7	81.9	83.3	83.8	83.8	83.8
GE 1600	43.3	59.2	72.7	78.5	82.2	82.4	84.0	84.6	84.6	84.6
GE 1400	43.8	59.6	73.2	79.4	82.9	83.1	84.7	85.3	85.3	85.3
GE 1200	44.2	60.1	74.0	80.6	84.4	84.6	85.2	86.7	86.7	86.7
GE 1000	44.7	61.2	75.0	81.7	85.5	85.5	87.3	87.9	87.9	87.9
GE 900	45.1	61.3	75.6	82.4	85.4	85.5	88.2	88.7	88.7	88.7
GE 800	45.1	62.1	76.1	83.1	87.3	87.5	89.4	89.9	89.9	89.9
GE 700	45.2	62.3	76.5	83.5	87.6	88.0	89.5	90.3	90.3	90.3
GE 600	45.5	63.4	77.7	84.7	88.9	90.5	93.2	93.7	93.7	93.7
GE 500	45.8	63.6	78.3	85.2	92.1	92.6	95.5	96.2	96.2	96.2
GE 400	45.8	63.7	78.5	87.3	93.2	93.7	95.6	97.5	97.5	97.5
GE 300	45.8	63.7	78.5	87.3	93.2	93.9	95.6	97.7	97.7	97.7
GE 200	45.3	63.7	78.6	87.4	93.5	94.3	97.3	98.2	98.2	98.2
GE 100	45.3	63.7	78.6	87.4	93.5	94.3	97.3	98.2	98.2	98.2
GE 000	45.5	63.7	78.6	87.4	93.5	94.3	97.3	98.2	98.2	98.2

.....
TOTAL NUMBER OF OBSERVATIONS 557

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFB GA PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: JUL HOURS: 03-05

.....
VISIBILITY IN STATUTE MILES

	GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0	65.7	65.9	65.9	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
3	72.2	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3	72.2	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
5	72.2	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3	72.2	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
5	72.9	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
0	75.5	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3	77.2	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7	79.5	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
1	79.2	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
5	79.9	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
0	80.7	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
2	80.7	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
9	80.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
9	80.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1	81.7	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
0	82.6	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
7	83.3	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
7	83.3	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1	84.0	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1	84.7	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
0	86.2	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5	87.5	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
5	88.2	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
5	89.4	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0	89.5	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
5	93.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0	95.5	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
7	96.6	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
8	96.5	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7
3	97.3	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.6	100.0
3	97.3	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.6	99.6	100.0
0	97.3	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.6	99.6	100.0
0	97.3	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.6	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PT
470

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	27.0	39.6	47.0	52.2	56.0	57.2	58.5	59.9	58.9	57.0
GE 20000	31.6	45.5	53.3	59.0	63.3	64.5	65.9	66.2	66.4	66.0
GE 18000	31.7	45.7	53.7	59.3	63.6	64.3	65.2	65.5	65.8	65.7
GE 16000	31.7	45.7	53.7	59.3	63.6	64.2	65.2	65.5	65.8	65.7
GE 14000	32.0	46.1	54.1	60.3	64.6	65.3	67.2	67.5	67.8	67.5
GE 12000	33.0	47.6	55.8	62.0	66.4	67.6	69.0	69.5	69.9	69.7
GE 10000	34.0	49.4	58.0	64.5	69.3	70.5	71.9	72.5	72.8	72.5
GE 9000	34.0	49.4	58.0	64.5	69.3	70.5	71.9	72.5	72.8	72.5
GE 8000	35.5	51.0	59.3	66.6	71.7	73.0	74.4	74.9	75.3	75.0
GE 7000	35.6	51.1	59.9	66.8	72.0	73.3	74.7	75.3	75.6	75.3
GE 6000	35.6	51.2	60.0	67.0	72.1	73.4	74.3	75.4	75.7	75.4
GE 5000	36.1	51.8	60.7	67.5	72.8	74.1	75.5	76.0	76.3	76.0
GE 4500	36.3	52.2	61.0	67.9	73.1	74.4	75.3	76.3	76.7	76.4
GE 4000	36.3	52.2	61.0	67.9	73.1	74.5	75.0	76.6	76.9	76.6
GE 3500	36.4	52.3	61.1	68.0	73.2	74.6	75.1	76.7	77.0	76.7
GE 3000	36.5	52.6	61.6	68.6	73.9	75.4	75.9	77.4	77.7	77.4
GE 2500	36.8	52.8	61.8	68.8	74.3	75.8	77.4	78.0	78.3	78.0
GE 2000	37.3	53.2	62.2	69.2	74.7	76.2	77.9	78.4	78.7	78.4
GE 1800	37.5	53.5	62.4	69.4	75.1	76.7	78.3	78.8	79.2	78.9
GE 1600	37.6	53.7	62.7	69.8	75.5	77.2	78.9	79.5	79.8	79.5
GE 1200	38.0	54.5	63.7	70.7	76.9	78.6	80.3	80.9	81.2	80.9
GE 1000	38.6	55.6	65.0	72.4	78.5	80.3	82.2	82.7	83.0	82.7
GE 900	38.9	56.0	65.4	73.0	79.2	81.0	82.8	83.5	83.8	83.5
GE 800	38.9	56.3	65.9	73.7	79.9	81.7	83.5	84.3	84.7	84.4
GE 700	39.2	57.2	67.4	75.7	82.7	84.7	86.3	87.6	87.9	87.6
GE 600	39.3	57.6	68.0	76.9	84.3	86.4	88.9	89.8	90.2	89.9
GE 500	39.5	58.3	69.2	78.5	85.8	89.1	91.7	93.0	93.3	93.0
GE 400	39.5	58.5	69.5	79.5	86.3	90.8	94.0	95.7	96.0	95.7
GE 300	39.5	58.6	69.7	80.0	89.1	91.8	95.4	97.4	97.7	97.4
GE 200	39.5	58.6	69.7	80.0	89.2	91.9	95.6	97.6	98.1	97.8
GE 100	39.5	58.6	69.7	80.0	89.2	91.9	95.6	97.6	98.1	97.8
GE 000	39.5	58.6	69.7	80.0	89.2	91.9	95.6	97.6	98.1	97.8

TOTAL NUMBER OF OBSERVATIONS 926

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

S AFB GA PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: JUL HOURS: 06-08

.....										
VISIBILITY IN STATUTE MILES										
GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
7.2	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
6.9	55.9	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7
6.3	55.2	55.5	55.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2
4.9	55.2	55.5	55.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2
5.3	57.2	57.5	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1
7.5	59.0	59.5	59.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
7.9	71.9	72.5	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1
7.3	71.9	72.5	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1
7.0	74.4	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
7.3	74.7	75.3	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7.4	74.3	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7.1	75.5	76.0	75.3	75.7	76.7	76.7	76.7	76.7	76.7	76.7
7.4	75.3	75.3	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
7.6	75.2	76.5	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2
7.5	75.1	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
7.4	75.9	77.4	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7.5	77.4	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
7.2	77.9	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
7.7	78.3	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
7.7	78.9	79.5	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
7.6	80.3	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
7.3	82.2	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
7.0	82.3	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1
7.7	83.5	84.3	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
7.7	86.8	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
7.4	88.9	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
7.1	91.7	93.0	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
7.3	94.0	95.7	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5
7.8	95.4	97.4	97.7	98.6	98.6	98.7	98.7	98.7	98.7	98.7
7.9	95.5	97.5	98.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6
7.9	95.5	97.6	98.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0
7.9	95.5	97.6	98.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0
.....										

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

REF
MID

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	31.4	46.1	52.3	55.9	57.7	58.1	58.1	58.1	58.1	58.1
GE 20000	34.5	50.0	56.5	60.4	62.5	62.9	63.4	63.4	63.4	63.4
GE 18000	34.5	50.3	55.8	60.3	62.8	63.2	63.3	63.8	63.4	63.4
GE 16000	34.5	50.3	55.8	60.6	62.4	63.2	63.5	63.8	63.4	63.4
GE 14000	35.5	51.4	58.0	62.2	64.4	64.8	65.4	65.4	65.4	65.4
GE 12000	36.3	52.5	59.1	63.7	65.9	66.3	66.9	66.9	66.9	66.9
GE 10000	37.5	55.5	62.3	67.5	70.1	70.5	71.1	71.1	71.1	71.1
GE 9000	38.5	55.5	62.3	67.5	70.1	70.5	71.1	71.1	71.1	71.1
GE 8000	39.5	56.9	63.3	69.0	71.5	72.0	72.5	72.5	72.5	72.5
GE 7000	40.1	57.5	64.7	70.1	72.9	73.3	73.9	73.9	73.9	73.9
GE 6000	40.3	57.7	64.9	70.3	73.1	73.5	74.1	74.1	74.1	74.1
GE 5000	40.3	58.2	65.4	70.3	73.5	74.0	74.5	74.5	74.5	74.5
GE 4500	40.9	58.3	65.5	70.9	73.7	74.1	74.5	74.5	74.5	74.5
GE 4000	41.1	58.5	65.3	71.2	74.2	74.5	75.2	75.2	75.2	75.2
GE 3500	41.5	59.1	66.5	71.5	74.9	75.4	75.9	75.9	75.9	75.9
GE 3000	42.3	61.1	68.4	73.3	77.0	77.4	78.0	78.0	78.0	78.0
GE 2500	44.1	62.9	70.3	75.3	79.0	79.5	80.0	80.0	80.0	80.0
GE 2000	44.5	64.0	71.4	76.9	80.4	80.9	81.4	81.4	81.4	81.4
GE 1800	44.7	64.2	71.9	77.3	80.9	81.3	81.8	81.8	81.8	81.8
GE 1500	45.5	65.5	73.3	79.4	82.9	83.3	83.9	83.9	83.9	83.9
GE 1200	46.5	67.4	76.7	83.2	86.3	87.2	87.7	87.7	87.7	87.7
GE 1000	46.9	68.5	78.3	85.5	89.4	89.8	90.3	90.3	90.3	90.3
GE 900	47.0	69.1	79.2	86.3	90.9	91.3	91.8	91.8	91.8	91.8
GE 800	47.3	69.5	79.9	87.3	92.3	92.3	93.4	93.4	93.4	93.4
GE 700	47.3	69.7	80.5	89.0	93.9	94.4	95.3	95.3	95.3	95.3
GE 600	47.3	69.7	80.5	89.5	95.2	95.0	97.2	97.2	97.2	97.2
GE 500	47.3	69.3	80.9	90.3	95.5	97.5	98.3	98.9	99.0	99.0
GE 400	47.3	69.8	80.9	90.5	97.0	98.2	99.4	99.8	99.9	99.9
GE 300	47.3	69.8	80.9	90.5	97.0	98.2	99.4	99.8	99.9	99.9
GE 200	47.3	69.8	80.9	90.5	97.0	98.2	99.4	99.8	99.9	99.9
GE 100	47.3	69.8	80.9	90.5	97.0	98.2	99.4	99.8	99.9	99.9
GE 000	47.3	69.8	80.9	90.5	97.0	98.2	99.4	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

MONTH: JUL HOURS: 09-11

OPERATING LOCATION "AA"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	33.3	44.5	43.3	50.2	51.2	51.4	51.4	51.4	51.4	
GE 20000	33.7	51.5	55.3	53.1	59.4	59.3	50.1	50.1	50.1	
GE 18000	33.7	51.9	55.1	53.4	59.7	50.1	50.4	50.4	50.4	
GE 16000	33.7	51.9	55.1	53.4	59.7	50.1	50.4	50.4	50.4	
GE 14000	39.1	52.5	55.3	59.2	50.3	51.3	51.5	51.5	51.5	
GE 12000	39.7	53.7	57.5	50.3	51.3	52.4	52.7	52.7	52.7	
GE 10000	41.5	55.3	50.7	53.5	55.1	55.5	50.0	55.0	55.0	
GE 9000	41.5	55.5	51.1	53.5	55.3	55.3	55.2	55.2	55.2	
GE 8000	43.4	53.7	53.3	55.0	57.0	55.1	55.5	55.5	55.5	
GE 7000	43.9	59.1	53.9	55.5	53.1	55.5	59.0	50.5	50.5	
GE 6000	44.3	59.5	54.3	57.1	53.5	59.1	59.7	59.7	59.7	
GE 5000	45.5	51.2	55.3	53.2	70.4	71.0	71.5	71.5	71.5	
GE 4500	40.5	51.4	55.1	59.1	71.0	71.5	72.2	72.2	72.2	
GE 4000	43.5	54.5	59.5	72.5	74.5	75.4	75.0	75.3	75.3	
GE 3500	50.5	57.3	72.3	75.1	73.4	79.1	73.7	79.7	79.7	
GE 3000	55.4	73.7	72.0	55.5	35.0	25.3	57.3	37.3	37.3	
GE 2500	55.5	75.5	52.4	55.0	33.5	39.2	40.3	39.3	39.3	
GE 2000	55.7	75.9	33.9	57.7	90.4	91.2	91.5	91.5	91.5	
GE 1500	57.3	77.2	34.5	35.5	91.2	91.9	92.5	92.5	92.5	
GE 1000	57.5	75.7	35.1	90.4	93.1	93.9	94.5	94.5	94.5	
GE 1200	58.0	79.1	37.5	92.3	95.2	95.0	95.3	95.3	95.3	
GE 1000	53.4	79.5	33.1	92.5	95.3	96.7	97.4	97.4	97.4	
GE 900	53.4	79.5	32.1	93.0	95.9	95.5	97.3	97.5	97.5	
GE 800	53.4	79.3	33.5	93.5	95.5	97.4	93.5	93.5	93.5	
GE 700	53.4	79.5	33.5	93.7	97.2	97.3	99.2	99.2	99.2	
GE 600	53.5	73.0	43.7	94.1	97.2	93.1	99.5	99.5	99.5	
GE 500	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	
GE 400	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	
GE 300	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	
GE 200	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	
GE 100	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	
GE 000	53.5	30.1	89.0	94.4	97.5	98.5	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JULY 73 - MAY 80
MONTH: JUL HOURS: 12-14

CEILING IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	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	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME
USAFHAF, ASUMVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
AREA: 100% (100% DATA)

STATION NUMBER: 722270

STATION NAME: DOBINS AFB GA
LST TO UTC: + 5

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	3 7	5 5	5 5	5 4	5 3	5 2 1/2	5 2	5 1 1/2	5 1 1/4	
00 CEIL	37.4	40.1	50.3	52.4	53.4	53.7	53.7	53.6	53.7	
10 20000	40.0	57.7	53.1	55.5	55.3	55.5	55.7	55.5	55.7	
30 15000	48.1	53.3	53.7	55.3	55.7	57.3	57.3	57.3	57.3	
50 15000	48.2	53.4	53.5	55.1	57.3	57.4	57.4	57.4	57.4	
70 14000	45.8	53.3	54.5	55.7	57.5	58.0	58.0	58.0	58.0	
90 12000	43.0	50.4	55.1	58.5	59.4	59.7	59.7	59.9	59.7	
10 10000	50.1	55.3	59.7	72.5	73.5	74.3	74.3	74.3	74.3	
30 7000	50.1	53.7	70.1	72.0	74.2	74.7	74.7	74.7	74.7	
50 4000	51.5	55.4	71.5	74.5	75.9	75.5	75.5	75.5	75.5	
70 7000	51.5	55.5	72.0	74.5	75.1	75.7	75.7	75.7	75.7	
90 5000	51.5	55.7	72.3	75.1	75.3	75.9	75.9	75.9	75.9	
10 5000	52.3	55.5	73.5	75.5	75.5	75.5	75.5	75.5	75.5	
30 4000	53.3	53.1	74.0	75.5	75.7	75.7	75.7	75.7	75.7	
50 4000	55.5	71.5	74.5	51.5	54.1	54.7	55.1	55.1	55.1	
70 3000	55.2	73.0	52.5	73.2	55.1	55.2	57.2	57.2	57.2	
90 3000	59.5	77.1	55.4	59.4	51.9	52.7	53.1	53.2	53.2	
10 2000	59.7	77.4	55.0	59.7	52.3	53.7	54.2	54.3	54.3	
30 2000	59.4	73.7	47.3	51.4	54.3	55.1	55.7	55.7	55.7	
50 1500	50.5	74.0	37.4	51.5	54.4	55.2	55.1	55.2	55.2	
70 1500	51.0	79.2	47.2	51.7	55.1	55.2	55.5	55.7	55.7	
90 1200	51.3	79.5	53.5	52.1	55.0	55.7	57.4	57.4	57.5	
10 1000	51.5	79.4	53.9	53.2	55.5	57.5	58.5	58.2	58.1	
30 900	51.7	80.1	53.2	53.5	55.7	57.5	58.3	58.5	58.3	
50 800	51.7	80.1	53.2	53.7	57.5	57.7	58.4	58.5	58.5	
70 700	52.0	80.4	53.6	54.1	57.5	58.4	58.1	58.5	58.5	
90 500	52.0	80.4	53.6	54.1	57.7	58.5	58.4	58.7	58.7	
10 500	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	
30 400	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	
50 300	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	
70 200	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	
90 100	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	
10 100	52.0	80.4	53.6	54.1	57.7	58.5	58.5	58.7	58.7	

TOTAL NUMBER OF OBSERVATIONS: 927

+

1 - 2 - 37

NO. FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM AIRCRAFT OBSERVATIONS

ALBANY

PERIOD OF RECORD: JUN 74 - MAY 75
MONTH: JUL HOURS: 15-17

CEILING IN STATUTE MILES

	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FOR 24 HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: JOHNS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16
NO CEIL	33.6	45.6	49.8	52.2	52.9	53.0	53.0	53.0	53.0
GE 20000	43.4	55.2	53.3	56.5	53.1	55.2	51.5	53.3	52.4
GE 18000	43.2	55.7	54.3	57.0	53.5	53.7	51.5	53.3	52.4
GE 16000	43.2	53.7	54.3	57.0	53.5	55.7	53.4	53.3	52.4
GE 14000	50.0	59.9	55.5	53.4	70.0	70.1	70.2	70.2	70.2
GE 12000	53.1	53.1	59.0	71.9	73.7	73.4	73.9	73.9	73.9
GE 10000	55.5	55.9	73.3	75.9	73.7	73.3	73.9	73.9	73.9
GE 9000	57.1	57.4	73.9	77.4	73.5	73.4	73.4	73.3	73.2
GE 8000	57.2	70.9	77.5	81.2	53.3	53.4	53.7	53.7	53.7
GE 7000	53.4	71.4	73.2	81.7	33.9	54.0	54.2	54.2	54.2
GE 6000	50.2	71.5	73.3	82.5	34.5	54.7	54.9	54.9	54.4
GE 5000	51.5	72.9	80.2	84.1	35.3	55.5	55.7	55.3	55.1
GE 4500	51.1	73.2	80.3	84.5	35.9	57.5	57.2	57.3	57.5
GE 4000	53.4	75.4	83.3	87.5	30.2	50.2	50.5	50.5	50.5
GE 3500	54.2	75.2	84.0	85.4	30.3	51.0	51.4	51.5	51.5
GE 3000	55.0	75.2	85.5	91.2	23.7	54.0	54.4	54.5	54.5
GE 2500	55.2	73.7	87.3	91.2	24.4	54.7	55.2	55.4	55.4
GE 2000	57.0	73.7	85.4	93.3	25.2	55.2	55.7	55.3	55.4
GE 1800	57.0	73.7	83.4	93.3	25.2	55.2	55.7	55.4	55.3
GE 1600	57.3	80.0	83.7	93.7	25.3	55.7	57.1	57.3	57.3
GE 1400	57.5	80.5	89.4	94.4	27.1	57.4	57.5	58.1	58.1
GE 1200	57.7	80.5	89.5	94.5	27.3	57.5	58.1	58.3	58.3
GE 1000	57.5	80.2	89.3	94.5	27.5	57.5	58.3	58.5	58.5
GE 900	58.1	81.1	90.0	95.1	27.7	58.1	58.5	58.9	58.9
GE 800	58.1	81.1	90.0	95.1	27.8	58.2	58.9	59.2	59.2
GE 700	58.1	81.1	90.0	95.1	27.8	58.2	58.9	59.2	59.2
GE 600	58.1	81.1	90.0	95.1	27.8	58.2	58.9	59.2	59.2
GE 500	58.1	81.1	90.0	95.1	28.0	58.3	59.1	59.5	59.5
GE 400	58.1	81.1	90.0	95.1	28.0	58.3	59.2	59.5	59.5
GE 300	58.1	81.1	90.0	95.1	28.0	58.3	59.2	59.5	59.5
GE 200	58.1	81.1	90.0	95.1	28.0	58.3	59.2	59.5	59.5
GE 100	58.1	81.1	90.0	95.1	28.0	58.3	59.2	59.5	59.5
GE 000	58.1	81.1	90.0	95.1	28.0	58.3	59.2	59.5	59.5

TOTAL NUMBER OF OBSERVATIONS 930

F

1 - 2 - 50

PERIOD OF RECORD: JUN 74 - MAY 85
MONTH: JUL HOURS: 18-20

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	43.2	50.2	55.7	58.4	59.1	59.1	59.1	59.1	59.1
GE 20000	40.9	59.1	55.5	58.5	70.3	70.3	70.3	70.3	70.3
GE 18000	40.9	59.1	55.5	58.5	70.3	70.3	70.3	70.3	70.3
GE 16000	40.9	59.1	55.5	58.5	70.3	70.3	70.3	70.3	70.3
GE 14000	51.4	50.5	65.9	70.1	71.9	71.9	71.9	71.9	71.9
GE 12000	53.9	53.2	69.7	73.2	75.0	75.0	75.0	75.0	75.0
GE 10000	54.2	55.0	73.0	77.0	79.1	79.1	79.1	79.1	79.1
GE 9000	55.3	55.5	73.7	77.7	79.8	80.1	80.1	80.1	80.1
GE 8000	55.3	55.5	75.5	79.5	81.7	82.0	82.0	82.0	82.0
GE 7000	55.5	59.5	75.5	80.5	82.7	83.0	83.0	83.0	83.0
GE 6000	55.5	59.5	75.5	80.5	82.7	83.0	83.0	83.0	83.0
GE 5000	59.4	70.5	77.5	81.9	84.3	84.5	84.5	84.5	84.5
GE 4500	59.9	70.9	79.0	82.3	84.5	85.1	85.1	85.1	85.1
GE 4000	62.1	73.7	81.1	85.7	88.1	88.4	88.4	88.4	88.4
GE 3500	62.5	74.5	82.2	86.4	89.2	89.5	89.5	89.5	89.5
GE 3000	64.0	75.2	84.9	89.7	92.1	92.5	92.5	92.5	92.5
GE 2500	64.5	77.4	86.2	91.2	93.5	93.9	93.9	93.9	93.9
GE 2000	65.0	77.5	87.2	92.5	94.0	95.2	95.3	95.3	95.3
GE 1800	65.2	77.7	87.3	92.5	95.0	95.3	95.5	95.5	95.5
GE 1600	65.4	78.2	88.3	93.5	95.0	95.3	95.5	95.5	95.5
GE 1400	65.3	78.5	88.9	94.2	95.5	97.0	97.1	97.1	97.1
GE 1200	65.3	79.3	89.7	95.0	97.4	97.9	97.9	97.9	97.9
GE 1000	65.3	79.3	89.7	95.0	97.4	97.9	97.9	97.9	97.9
GE 900	65.5	79.5	90.0	95.3	97.5	98.2	98.4	98.7	98.7
GE 800	65.5	79.5	90.2	95.5	97.9	98.5	98.7	99.0	99.0
GE 600	65.5	79.5	90.2	95.5	97.7	98.5	98.7	99.0	99.0
GE 500	65.5	79.5	90.5	95.5	98.2	99.0	99.2	99.7	99.7
GE 400	65.5	79.5	90.5	95.5	98.4	99.2	99.5	100.0	100.0
GE 300	65.5	79.5	90.5	95.5	98.4	99.2	99.5	100.0	100.0
GE 200	65.5	79.5	90.5	95.5	98.4	99.2	99.5	100.0	100.0
GE 100	65.5	79.5	90.5	95.5	98.4	99.2	99.5	100.0	100.0
GE 000	65.5	79.5	90.5	95.5	98.4	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 623

F

0 - 2 - 50

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 21-23

.....
VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/4	GE 1/4	GE 0
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	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
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

2041
MONT

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	34.8	45.4	51.1	54.2	55.8	56.2	56.4	56.5	56.5	56.5
GE 20000	40.7	53.3	59.7	63.2	65.2	65.7	65.1	65.2	65.3	65.3
GE 18000	40.9	53.5	60.0	63.5	65.5	66.0	65.5	65.5	65.5	65.5
GE 16000	41.0	53.5	60.1	63.5	65.5	66.0	65.5	65.5	65.5	65.5
GE 14000	41.5	54.3	60.9	64.5	65.5	67.1	67.6	67.6	67.7	67.7
GE 12000	43.0	56.1	62.7	66.5	68.5	69.1	69.5	69.7	69.7	69.7
GE 10000	45.1	56.8	65.9	70.1	72.5	73.1	73.5	73.7	73.7	73.7
GE 9000	45.3	59.0	66.2	70.4	72.9	73.4	73.9	74.1	74.1	74.1
GE 8000	46.9	61.0	68.3	72.5	75.1	75.7	76.2	76.3	76.3	76.3
GE 7000	47.3	61.4	68.5	73.2	75.7	76.3	76.8	76.9	76.9	77.0
GE 6000	47.4	61.7	69.1	73.4	75.9	76.5	77.1	77.2	77.3	77.3
GE 5000	48.1	62.5	70.1	74.5	77.3	77.8	78.3	78.5	78.5	78.5
GE 4500	48.4	63.0	70.5	75.1	77.9	78.4	78.9	79.1	79.1	79.1
GE 4000	49.8	64.8	72.5	77.2	80.2	80.8	81.4	81.5	81.5	81.5
GE 3500	50.5	65.3	73.8	78.5	81.5	82.1	82.7	82.9	82.9	82.9
GE 3000	52.5	68.4	75.3	81.2	84.9	85.5	86.2	86.4	86.4	86.4
GE 2500	53.1	69.3	76.0	83.0	86.2	86.9	87.5	87.7	87.8	87.8
GE 2000	53.5	70.1	77.0	84.1	87.4	88.1	88.9	89.1	89.1	89.1
GE 1800	53.7	70.3	79.2	84.4	87.7	88.4	89.2	89.3	89.4	89.4
GE 1600	54.0	70.9	80.0	85.3	88.7	89.4	90.3	90.5	90.5	90.5
GE 1400	54.5	71.7	81.3	86.2	90.4	91.1	91.9	92.1	92.1	92.1
GE 1200	54.9	72.3	82.1	87.3	91.5	92.2	93.0	93.2	93.3	93.3
GE 1000	55.0	72.7	82.5	88.4	92.0	92.7	93.5	93.9	93.9	93.9
GE 900	55.2	72.9	82.8	88.9	92.5	93.4	94.3	94.5	94.7	94.7
GE 800	55.3	73.2	83.3	89.5	93.5	94.4	95.5	95.9	95.9	95.9
GE 700	55.3	73.3	83.5	89.9	94.2	95.1	96.3	96.7	96.7	96.7
GE 600	55.4	73.5	83.9	90.5	95.1	96.1	97.5	98.0	98.0	98.0
GE 500	55.4	73.5	84.0	90.7	95.7	96.7	98.3	98.7	98.7	98.7
GE 400	55.4	73.5	84.0	91.0	95.9	97.0	98.5	99.2	99.3	99.3
GE 300	55.4	73.5	84.0	91.0	95.9	97.0	98.5	99.3	99.4	99.4
GE 200	55.4	73.5	84.1	91.1	96.0	97.0	98.7	99.3	99.4	99.4
GE 100	55.4	73.5	84.1	91.1	96.0	97.0	98.7	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 5829

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 3A PERIOD OF RECORD: JUN 73 - MAY 78
MONTH: JUL HOURS: ALL

.....									
FEET IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 0
.....									
55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
57.5	57.5	57.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
59.5	59.7	59.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
73.5	73.7	73.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
75.5	75.9	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
79.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.5	87.7	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9
89.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7
91.3	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
93.7	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.3	94.5	94.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3
95.5	95.9	95.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.5	95.9	95.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
95.3	95.5	95.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
95.5	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
95.5	99.3	99.4	99.7	99.7	99.8	99.3	99.3	99.3	99.3
95.7	99.3	99.4	99.5	99.5	99.3	99.9	99.9	99.3	100.0
95.7	99.3	99.4	99.3	99.3	99.3	99.9	99.9	99.9	100.0
.....									

OPERATING LOCATION "A"
 WSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBLE
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
 LST TO UTC: + 5

PERIOD OF RECORD:
 MONTH: AUG 1955

CEILING IN FEET	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 1/2

NO CEIL

GE 20000
 GE 18000
 GE 16000
 GE 14000
 GE 12000

GE 10000
 GE 8000
 GE 6000
 GE 4000
 GE 2000

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

GE 1000
 GE 800
 GE 600
 GE 400
 GE 200

TOTAL NUMBER OF OBSERVATIONS

F

1 - 2 - 51

PERIOD OF RECORD: JUN 73 - MAY 75
MONTH: AUG HOURS: 00-02

	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4

1 - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

DATE
TIME

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	30.1	39.2	46.2	54.2	59.2	60.5	60.8	61.4	61.4	61.4
GE 20000	32.4	42.6	51.5	60.5	65.2	67.4	67.3	68.3	68.3	68.3
GE 18000	32.4	42.6	51.5	60.5	65.2	67.4	67.3	68.3	68.3	68.3
GE 16000	32.4	42.6	51.5	60.5	65.2	67.4	67.3	68.3	68.3	68.3
GE 14000	32.6	42.9	51.9	61.2	66.7	68.0	68.3	68.9	68.9	68.9
GE 12000	32.6	43.1	52.4	61.7	67.4	68.7	69.1	69.6	69.6	69.6
GE 10000	33.2	44.4	54.4	64.0	70.3	71.6	71.7	72.6	72.6	72.6
GE 9000	34.5	45.1	55.1	64.3	71.0	72.3	72.6	73.2	73.2	73.2
GE 8000	35.4	45.3	55.5	65.5	73.0	74.2	74.5	75.1	75.1	75.1
GE 7000	35.6	45.5	55.9	65.9	73.3	74.6	75.0	75.5	75.5	75.5
GE 6000	35.3	45.7	57.1	67.1	73.5	74.8	75.1	75.7	75.7	75.7
GE 5000	35.7	47.2	58.3	68.3	74.8	76.0	76.4	76.9	76.9	76.9
GE 4500	37.2	48.5	59.0	69.1	75.5	76.7	77.1	77.6	77.6	77.6
GE 4000	37.9	49.2	60.1	70.3	75.7	76.2	76.9	77.4	77.4	77.4
GE 3500	38.5	49.4	60.5	71.0	77.5	78.0	78.5	80.1	80.1	80.1
GE 3000	39.4	50.3	62.1	72.5	79.2	80.7	81.5	82.1	82.1	82.1
GE 2500	39.7	51.3	62.5	73.2	79.4	81.2	82.1	82.6	82.6	82.6
GE 2000	40.5	52.4	63.7	74.5	81.2	82.5	83.7	84.3	84.3	84.3
GE 1800	40.5	52.4	63.7	74.5	81.2	82.3	83.7	84.3	84.3	84.3
GE 1500	41.1	53.1	64.6	75.7	82.3	83.9	84.3	85.3	85.3	85.3
GE 1200	41.3	53.5	65.5	77.5	84.4	85.0	85.9	87.5	87.5	87.5
GE 1000	41.7	54.4	66.0	78.2	85.0	85.5	87.3	88.4	88.4	88.4
GE 900	41.7	54.5	66.4	78.5	85.9	87.5	88.7	89.3	89.3	89.3
GE 800	42.4	55.5	67.5	80.1	87.5	88.1	89.5	91.1	91.1	91.1
GE 700	42.3	55.0	68.5	81.2	88.5	89.2	91.5	92.1	92.1	92.1
GE 600	42.9	55.5	69.4	82.1	90.0	91.5	93.0	93.6	93.6	93.6
GE 500	43.1	55.7	70.3	83.4	91.4	93.0	94.5	95.2	95.2	95.2
GE 400	43.1	57.1	70.7	84.3	92.3	93.9	95.5	96.1	96.1	96.1
GE 300	43.1	57.1	70.7	84.3	92.7	94.5	95.1	96.6	96.6	96.6
GE 200	43.1	57.1	70.7	84.5	93.4	95.2	97.0	98.2	98.2	98.2
GE 100	43.1	57.1	70.7	84.5	93.4	95.2	97.0	98.2	98.2	98.2
GE 000	43.1	57.1	70.7	84.5	93.4	95.2	97.0	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 559

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: AUG HOURS: 03-05

..... CEILING IN STATUTE MILES									
0	50	51	52	53	54	55	56	57	58
0	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4
.....									
60.0	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
67.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
67.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
67.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
68.3	69.3	69.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1
69.1	69.6	69.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3
71.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
72.5	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
73.2	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
75.0	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
75.1	75.7	75.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5
75.4	75.9	75.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.5	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.5	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
81.5	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
82.1	82.5	82.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3
82.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
84.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
84.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
85.7	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
87.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
89.5	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4
91.5	92.1	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7
93.0	93.5	93.5	93.7	94.3	94.3	94.3	94.3	94.3	94.3
94.5	95.2	95.2	95.3	95.9	95.9	95.9	95.9	95.9	95.9
95.5	95.1	95.1	95.2	95.3	95.3	97.0	97.0	97.0	97.0
95.1	95.5	95.5	95.3	97.3	97.3	97.5	97.5	97.5	97.5
97.0	98.2	98.2	98.5	99.1	99.1	99.3	99.3	99.3	99.3
97.3	98.2	98.2	98.7	99.3	99.3	99.3	99.3	100.0	100.0
97.3	98.2	98.2	98.7	99.3	99.3	99.3	99.3	100.0	100.0
.....									

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA

LST TO UTC: + 5

.....
CEILING VISIBILITY IN STATUTE MILES
IN SEFT SE 7 SE 6 SE 5 SE 4 SE 3 SE 2 1/2 SE 2 SE 1 1/2 SE 1 1/4
.....

NO CEIL	20.2	29.2	33.3	40.4	47.4	49.9	51.3	53.0	55.2	
GE 20000	22.7	32.5	34.3	45.5	53.3	55.2	54.2	59.4	59.5	
GE 18000	22.7	32.9	35.4	45.9	53.9	55.3	51.7	59.9	59.1	
GE 16000	22.7	32.9	33.4	45.9	53.9	55.4	55.7	59.9	59.1	
GE 14000	22.7	33.0	35.5	45.1	54.2	57.1	59.0	59.2	59.4	
GE 12000	22.9	33.7	39.5	47.2	55.5	52.4	59.5	61.7	51.9	
GE 10000	24.3	35.4	41.3	45.2	53.3	61.5	54.1	57.3	55.5	
GE 9000	24.7	35.1	42.0	50.0	59.9	62.5	54.5	59.9	55.2	
GE 8000	25.5	37.5	44.7	52.5	62.2	59.4	53.2	59.4	59.5	
GE 7000	25.2	35.3	45.5	53.5	62.2	55.1	58.9	70.1	70.3	
GE 6000	25.2	35.5	45.3	54.0	63.3	55.5	59.4	70.5	70.5	
GE 5000	25.3	39.5	45.7	55.2	64.7	54.0	70.9	72.0	70.5	
GE 4500	27.4	40.0	47.3	55.9	55.5	55.9	72.0	73.2	73.4	
GE 4000	27.5	40.2	47.3	55.5	55.9	59.9	72.5	73.5	74.9	
GE 3500	23.1	41.0	48.3	57.5	67.1	70.5	73.3	74.9	75.2	
GE 3000	25.3	41.2	49.1	55.2	55.2	71.7	74.5	75.9	75.2	
GE 2500	29.5	42.5	50.3	59.9	70.9	73.5	75.7	77.9	75.1	
GE 2000	29.7	43.0	51.3	59.5	70.5	74.2	77.4	73.5	71.5	
GE 1500	29.9	43.2	51.5	59.3	70.9	74.4	77.5	73.5	73.9	
GE 1000	30.0	43.4	51.3	61.3	71.4	74.9	73.2	79.4	79.5	
GE 800	30.2	43.5	52.5	62.2	72.7	75.2	79.5	80.5	80.3	
GE 700	30.3	45.1	54.0	53.3	74.4	75.0	81.3	82.5	82.7	
GE 600	31.0	45.2	54.4	54.4	75.5	79.0	82.5	83.7	83.9	
GE 500	31.5	45.9	55.3	55.5	77.1	80.9	84.3	85.5	85.7	
GE 400	31.7	45.2	55.1	56.7	73.4	82.3	85.4	87.1	87.3	
GE 300	31.3	46.5	55.7	57.5	72.7	83.5	87.4	88.9	89.1	
GE 200	32.3	47.4	55.1	59.7	82.2	85.1	90.2	91.9	92.3	
GE 150	32.4	47.5	53.4	70.3	83.4	87.5	91.5	93.8	94.1	
GE 100	32.4	47.5	53.5	70.4	84.0	88.3	92.7	94.3	95.4	
GE 50	32.4	47.5	53.5	70.4	84.2	88.5	93.3	95.9	95.5	
GE 20	32.4	47.5	53.5	70.4	84.2	88.5	93.3	95.9	95.5	

.....
TOTAL NUMBER OF OBSERVATIONS 330

PERIOD OF RECORD: JUN 75 - MAY 76
MONTH: AUG HOURS: 05-08

64 2	67 1 1/2	64 1 1/4	64 1	64 3/4	60 5/8	62 1/2	65 3/5	66 1/4	64 3/4
51.1	53.0	53.2	53.3	53.2	53.9	54.1	54.2	54.5	54.5
54.2	59.4	59.5	59.1	59.3	59.3	59.5	59.5	51.0	61.0
59.7	59.9	59.1	59.5	59.9	59.9	51.1	51.2	51.5	51.5
59.7	59.9	59.1	59.5	59.9	59.9	51.1	51.2	51.5	51.5
59.2	59.2	59.4	51.0	51.2	51.2	51.4	51.5	51.3	51.3
59.5	51.7	51.9	52.5	52.7	52.7	52.9	53.0	53.3	53.3
54.1	55.3	55.8	55.0	55.2	55.2	55.5	55.5	55.9	55.9
54.5	55.9	55.2	55.4	57.2	57.2	57.2	57.3	57.5	57.5
54.2	59.4	59.5	70.1	70.5	70.3	70.5	70.5	71.0	71.0
54.5	70.1	70.3	70.3	71.1	71.1	71.3	71.4	71.7	71.7
54.6	70.5	70.5	71.3	71.5	71.5	71.7	71.3	72.2	72.2
70.6	72.2	72.5	72.2	73.2	73.2	73.2	73.3	73.7	73.7
70.5	73.2	73.6	74.0	74.2	74.2	74.4	74.5	74.3	74.3
70.5	73.5	74.0	74.5	74.7	74.7	74.9	75.1	75.4	75.4
73.3	74.7	75.2	75.7	75.9	75.9	75.1	75.2	75.5	75.5
74.5	75.3	75.2	75.5	77.2	77.2	77.2	77.3	77.5	77.5
75.7	77.2	75.1	73.5	73.3	73.3	73.2	73.1	73.5	73.5
77.5	73.5	73.5	74.4	72.5	72.5	74.5	73.3	80.2	80.2
77.5	73.5	74.0	74.5	72.3	72.3	80.7	80.1	80.4	80.4
77.2	73.4	73.5	80.1	80.3	80.3	80.5	80.6	81.0	81.0
73.7	80.6	80.3	81.4	81.5	81.5	81.2	81.2	82.3	82.3
81.5	82.5	82.7	83.2	83.4	83.4	83.7	83.3	84.1	84.1
82.5	83.7	83.2	84.5	84.7	84.7	84.9	84.1	85.4	85.4
84.3	85.5	85.7	85.5	85.7	85.7	85.9	87.2	87.3	87.3
85.8	87.1	87.3	88.1	88.5	88.3	88.5	88.5	88.9	88.9
87.4	88.3	88.1	88.9	89.1	89.1	89.3	89.4	89.3	89.3
89.2	91.9	92.3	93.5	93.3	93.3	93.7	93.3	94.1	94.2
91.5	93.4	94.1	94.2	95.3	95.3	95.5	95.7	95.2	95.1
92.7	94.2	95.4	96.5	97.5	97.0	97.4	97.5	98.0	98.1
93.2	95.3	95.5	97.7	98.2	98.2	98.2	97.5	99.2	98.9
93.3	95.3	95.5	97.7	98.2	98.2	98.2	98.5	99.2	100.0
95.3	95.3	95.5	97.7	98.2	98.2	98.2	98.5	99.2	100.0

— — — — — 6 1.

TRENDENCY OF OCCURANCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

DATA 54

PERIOD OF RECORD: JUN 78 - MAY 79
MONTH: AUG HRS: 00-11

CEILING IN STATUTE MILES

1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2
100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7	100.7
100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
- 100 HOURS OBSERVATION

STATION NUMBER: 722270

STATION NAME: DODDING AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	30.6	39.5	44.0	46.1	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	35.6	45.7	52.0	55.2	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	35.7	45.9	52.3	55.4	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	35.9	46.1	52.5	55.6	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	36.2	46.9	53.3	56.5	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	36.3	49.7	55.1	59.4	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	41.2	53.2	59.1	63.3	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	41.3	53.5	60.4	63.7	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	43.2	55.5	62.5	65.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	43.7	55.9	62.9	66.1	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	43.8	56.0	63.0	66.2	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	44.5	57.0	64.0	67.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	45.5	57.8	64.9	68.7	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	50.5	63.7	71.4	75.3	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	53.7	67.5	75.7	80.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	57.7	71.5	80.9	85.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	61.3	74.2	84.1	88.8	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	61.1	77.0	87.2	92.2	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	61.7	77.7	87.9	93.2	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	62.4	78.5	89.4	94.5	97.0	97.2	97.3	97.3	97.3	97.3
GE 800	62.5	78.5	89.5	94.4	97.1	97.1	97.3	97.3	97.3	97.3
GE 600	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 500	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 400	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 300	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 200	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 100	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 50	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 20	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 10	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 5	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 2	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
GE 1	62.7	79.0	90.3	95.3	98.3	98.3	98.7	98.7	98.7	98.7
TOTAL FREQUENCY OF OBSERVATION	230									

PERIOD OF RECORD: JUL 73 - MAY 84
MONTH: AUG HOURS: 12-14

[illegible]

OPERATING LOCATION "AW"
USAFHAF, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HURLEY 1300 ZAT 14

STATION NUMBER: 722270

STATION NAME: DUBBINS ARB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	31.3	43.0	46.6	49.7	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	40.5	53.5	53.5	52.0	52.2	52.3	52.3	52.3	52.3	52.3
GE 18000	41.3	54.3	53.5	52.9	53.7	53.7	53.7	53.7	53.7	53.7
GE 16000	41.3	54.3	53.5	52.9	53.7	53.7	53.7	53.7	53.7	53.7
GE 14000	42.2	55.5	50.2	54.2	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	44.4	53.5	53.7	57.1	57.8	57.9	57.9	57.9	57.9	57.9
GE 10000	50.2	55.2	71.1	74.5	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	50.4	55.4	71.3	74.5	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	52.9	54.1	74.1	77.5	73.5	74.5	74.5	74.5	74.5	74.5
GE 7000	53.5	54.3	74.0	74.5	73.7	72.7	72.7	72.7	72.7	72.7
GE 6000	53.9	52.1	75.3	74.5	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	54.1	52.7	75.0	74.5	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	54.5	70.5	75.9	71.0	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	54.4	75.4	72.4	77.1	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	52.3	74.3	75.0	90.1	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	51.4	70.2	84.5	93.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	62.0	70.9	79.7	94.1	95.2	95.2	95.5	95.5	95.5	95.5
GE 2000	53.1	72.0	91.0	95.5	97.6	97.5	97.5	97.5	97.5	97.5
GE 1800	53.1	72.2	91.1	95.5	97.7	97.7	98.1	98.3	98.3	98.3
GE 1600	53.2	72.3	91.5	96.0	98.2	98.2	98.5	98.7	98.7	98.7
GE 1200	53.2	72.3	91.5	95.0	98.2	98.2	98.5	98.7	98.7	98.7
GE 1000	53.2	72.3	91.5	95.0	98.2	98.2	98.5	98.7	98.7	98.7
GE 900	53.2	72.3	91.5	95.1	98.3	98.3	98.5	98.7	98.7	98.7
GE 800	53.2	72.3	91.5	94.1	98.3	98.3	98.5	98.7	98.7	98.7
GE 700	53.2	72.3	91.5	96.2	98.4	98.4	98.7	98.9	98.9	98.9
GE 600	53.2	72.3	91.5	96.3	98.5	98.5	98.9	99.1	99.2	99.2
GE 500	53.2	72.3	91.7	95.5	98.7	98.7	99.0	99.2	99.4	99.4
GE 400	53.2	72.3	91.7	95.5	98.7	98.7	99.0	99.2	99.4	99.4
GE 300	53.2	72.3	91.7	96.5	98.7	98.7	99.0	99.2	99.4	99.4
GE 200	53.2	72.3	91.7	96.5	98.7	98.7	99.0	99.2	99.4	99.4
GE 100	53.2	72.3	91.7	95.5	98.7	98.7	99.0	99.2	99.4	99.4
GE 000	53.2	72.3	91.7	95.5	98.7	98.7	99.0	99.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

454 68

PERIOD OF RECORD: JUL 76 - MAY 83
MONTH: AUG HOURS: 15-17

[illegible]

OPERATING LOCATION "AA"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CIG
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	37.6	47.6	54.0	56.2	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	47.6	59.9	64.3	70.3	71.4	71.4	71.4	71.4	71.4	71.4
GE 15000	47.1	61.5	59.7	72.4	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	47.2	61.5	70.0	72.5	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	50.5	62.9	71.3	73.9	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	51.2	64.2	72.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3
GE 10050	55.3	64.9	77.5	80.2	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	55.3	69.6	78.2	80.9	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	57.7	71.7	80.6	83.3	85.1	85.1	85.3	85.3	85.3	85.3
GE 7000	55.6	72.5	81.5	84.3	85.9	85.9	86.2	86.2	86.2	86.2
GE 6000	55.3	72.5	81.9	84.5	85.3	85.3	85.5	85.5	85.5	85.5
GE 5000	58.2	73.4	82.7	85.5	87.2	87.2	87.4	87.4	87.4	87.4
GE 4500	59.7	74.1	83.3	86.1	88.1	88.1	88.3	88.3	88.3	88.3
GE 4000	62.2	77.1	84.3	89.7	91.5	91.5	92.2	92.2	92.2	92.2
GE 3500	63.2	78.2	88.5	91.7	93.7	93.7	94.0	94.0	94.0	94.0
GE 3000	64.2	79.2	89.2	93.4	95.3	95.2	95.2	95.2	95.2	95.2
GE 2500	64.7	80.5	90.5	94.2	95.5	95.7	97.0	97.0	97.0	97.0
GE 2000	65.2	81.1	91.1	94.7	97.1	97.3	97.5	97.6	97.6	97.6
GE 1500	65.2	81.1	91.1	94.7	97.1	97.3	97.5	97.5	97.5	97.5
GE 1000	65.3	81.2	91.5	94.9	97.4	97.6	98.0	98.0	98.0	98.0
GE 1200	65.5	81.4	91.5	95.4	97.5	98.1	98.4	98.4	98.4	98.4
GE 1000	65.5	81.5	91.5	95.7	98.4	98.5	98.7	98.9	98.9	98.9
GE 800	65.5	81.5	91.3	95.7	98.5	98.7	98.9	99.0	99.0	99.0
GE 700	65.5	81.5	91.3	95.7	98.5	98.7	98.9	99.0	99.0	99.0
GE 600	65.7	81.9	92.3	95.1	98.9	99.1	99.5	99.5	99.5	99.5
GE 500	65.8	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7
GE 500	65.3	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7
GE 400	65.3	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7
GE 300	65.3	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7
GE 200	65.3	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7
GE 100	65.3	82.0	92.4	95.3	99.1	99.4	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 330

64

ITY IN STATUTE MILES

1 - 2 - 3

OPERATING LOCATION "A"
USAFDTAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JANUARY 1958-1961

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET						VISIBILITY IN STATUTE MILES				
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.4	50.5	56.2	57.3	59.7	60.7	60.7	60.9	60.9	60.9
GE 20000	52.1	51.2	59.2	72.4	73.7	73.7	73.9	73.9	73.9	73.9
GE 18000	52.4	51.7	59.2	73.1	74.4	74.4	74.5	74.5	74.5	74.5
GE 16000	52.5	51.9	70.2	73.2	74.5	74.5	74.7	74.7	74.7	74.7
GE 14000	53.4	52.7	71.0	74.2	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	53.5	53.1	71.5	74.4	75.3	75.3	75.4	75.4	75.4	75.4
GE 10000	57.1	57.0	76.2	79.2	80.8	80.8	80.9	81.1	81.1	81.1
GE 9000	57.4	57.5	76.4	79.5	81.3	81.3	81.4	81.5	81.5	81.5
GE 8000	59.0	59.1	73.3	82.2	83.4	83.4	84.0	84.1	84.1	84.1
GE 7000	59.3	59.4	73.3	82.7	84.3	84.3	84.5	84.5	84.5	84.5
GE 6000	59.5	59.5	73.5	83.0	84.5	84.5	84.5	84.9	84.9	84.9
GE 5000	59.5	70.2	80.3	84.0	85.5	85.5	85.7	85.9	85.9	85.9
GE 4500	59.9	70.2	81.1	84.2	85.5	85.5	85.7	85.9	85.9	85.9
GE 4000	61.7	73.2	83.5	84.1	89.2	89.2	90.1	90.2	90.2	90.2
GE 3500	63.3	74.4	85.4	89.2	91.7	91.7	91.7	92.0	92.0	92.0
GE 3000	64.4	75.3	87.5	91.7	93.4	93.4	93.5	93.4	93.4	93.4
GE 2500	65.5	77.4	88.1	92.4	94.5	94.7	94.9	95.0	95.0	95.0
GE 2000	65.2	78.2	88.2	93.5	95.4	95.7	95.7	95.9	95.9	95.9
GE 1800	65.7	78.2	88.4	93.5	95.4	95.7	95.7	95.9	95.9	95.9
GE 1600	65.5	78.5	89.3	93.9	95.9	95.9	95.9	96.5	96.5	96.5
GE 1400	67.0	79.2	89.2	94.5	96.5	97.0	97.1	97.3	97.3	97.3
GE 1200	67.0	79.0	89.3	94.6	97.3	97.4	97.4	97.9	97.9	97.9
GE 1000	67.7	79.0	89.2	94.7	97.4	97.3	97.2	98.1	98.1	98.1
GE 900	67.1	79.5	90.4	95.5	98.2	98.5	98.7	98.9	98.9	98.9
GE 800	67.1	79.5	90.4	95.5	98.4	98.7	98.4	99.0	99.0	99.0
GE 600	67.1	79.5	90.4	95.7	98.5	98.9	99.0	99.2	99.2	99.2
GE 500	67.3	80.0	90.2	96.3	99.2	99.5	99.7	99.8	99.8	99.8
GE 400	67.3	80.2	90.2	96.3	99.2	99.5	99.7	99.8	99.8	99.8
GE 300	67.3	80.0	90.9	96.3	99.2	99.5	99.7	99.8	99.8	99.8
GE 200	67.3	80.5	90.9	96.3	99.2	99.5	99.7	99.8	99.8	99.8
GE 100	67.3	80.0	90.2	96.3	99.2	99.5	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 624

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 64 PERIOD OF RECORD: JUN 74 - MAY 84
MONTH: AUG HOURS: 21-23

CEILING IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
85.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
93.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.7	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
99.7	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
99.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
99.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
99.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFBAG, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM JULY 1957 TO JULY 1958

STATION NUMBER: 732270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GF 5	GL 3	GG 4	GH 3	GI 2 1/2	GJ 2	GK 1 1/2	GL 1 1/4	GM 1
NO CEIL	31.0	40.0	45.0	50.0	53.0	53.0	53.0	54.0	54.0	54.0
GE 20000	36.7	48.1	55.0	59.7	62.0	63.2	63.0	63.0	63.0	63.0
GF 18000	37.1	48.7	55.0	59.0	63.2	63.0	64.0	64.0	64.0	64.0
GL 16000	37.2	48.7	55.7	59.4	63.3	63.0	64.3	64.0	64.0	64.0
GE 14000	37.8	49.0	56.0	61.0	64.0	64.0	65.0	65.0	65.0	65.0
GF 12000	38.7	50.0	58.0	62.0	65.0	65.0	66.0	67.1	67.0	67.0
GL 10000	41.0	54.0	62.0	67.1	72.0	71.0	71.0	72.0	72.1	72.0
GF 8000	42.0	55.1	62.0	67.0	71.1	71.0	72.0	72.0	72.0	72.0
GL 6000	43.0	57.0	65.0	70.1	73.0	74.0	74.0	75.0	75.0	75.0
GE 4000	44.0	57.0	65.0	70.0	74.0	75.1	75.0	75.0	75.0	75.0
GF 2000	44.0	57.0	65.0	71.1	74.0	75.0	75.0	75.0	75.0	75.0
GL 1000	44.0	57.0	65.0	71.0	75.0	75.0	75.0	77.1	77.1	77.1
GF 800	44.0	59.0	67.0	72.0	75.0	77.0	77.0	77.1	77.0	77.0
GL 600	47.0	62.1	70.0	75.0	79.1	79.0	81.0	81.0	81.0	81.0
GF 400	47.1	63.0	71.0	75.0	82.0	82.0	83.0	84.1	84.1	84.1
GL 300	50.0	65.0	75.1	81.1	85.0	85.1	85.0	87.0	87.1	87.1
GF 250	51.0	67.1	75.0	82.0	87.0	87.0	88.0	88.0	88.0	88.0
GL 200	52.0	68.0	77.0	84.0	88.0	89.0	90.0	90.0	90.0	90.0
GF 150	53.0	68.0	78.0	84.0	89.0	89.0	90.0	90.0	90.0	90.0
GL 100	53.0	70.0	80.1	86.0	91.0	92.0	93.0	93.0	93.0	93.0
GF 80	54.0	70.0	80.0	87.0	92.0	93.0	94.0	94.0	94.0	94.0
GL 60	54.0	70.0	81.0	87.0	92.0	93.0	94.0	94.0	94.0	94.0
GF 40	54.0	70.0	81.0	87.0	93.0	94.0	95.0	95.0	95.0	95.0
GL 30	54.0	71.1	81.0	88.0	94.0	95.0	95.0	95.0	95.0	95.0
GF 20	54.0	71.0	82.0	88.0	95.0	96.0	97.0	97.0	97.0	97.0
GL 15	54.0	71.0	82.0	88.0	95.0	96.0	97.0	97.0	97.0	97.0
GF 10	54.0	71.0	82.0	88.0	95.0	96.0	97.0	97.0	97.0	97.0
GL 5	54.0	71.0	82.0	88.0	95.0	96.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 5000

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR JULY OBSERVATIONS

DATA PERIOD OF RECORD: JUN 70 - MAY 74
MONTH: AUG MONTHS: ALL

.....									
FEET IN STATUTE MILES									
0	5	10	15	20	25	30	35	40	45
0	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4	0
.....									
53.3	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
53.5	53.5	53.3	53.3	53.2	53.2	54.0	54.0	54.0	54.0
54.2	54.4	54.3	54.5	54.5	54.6	54.5	54.7	54.7	54.7
54.3	54.7	54.5	54.7	54.7	54.7	54.7	54.7	54.3	54.3
55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7
56.3	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4
.....									
71.5	72.6	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
71.7	72.6	72.6	72.7	72.7	72.7	72.7	72.3	72.8	72.7
73.1	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
75.7	75.3	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
75.3	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5
.....									
76.6	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4
77.0	75.1	75.2	75.3	75.4	75.2	75.3	75.3	75.4	75.4
81.5	81.5	81.3	81.3	81.3	81.3	82.0	82.0	82.0	82.0
83.7	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4
85.5	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
.....									
88.3	88.7	88.5	88.3	89.0	89.0	89.0	89.0	89.1	89.1
90.3	90.5	90.7	90.7	90.8	90.8	90.3	90.9	90.3	90.3
90.5	90.9	90.3	91.3	91.1	91.1	91.1	91.1	91.2	91.2
91.5	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3
93.0	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.7
.....									
94.3	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
94.4	94.7	94.5	94.9	95.0	95.0	95.1	95.1	95.2	95.2
95.3	95.5	95.5	95.8	95.7	95.3	95.6	95.0	95.0	95.0
95.5	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
95.5	95.9	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4
.....									
97.5	97.5	97.2	98.0	98.2	98.2	98.2	98.4	98.4	98.4
97.5	98.3	98.4	98.5	98.5	98.5	98.9	98.9	98.9	98.9
98.1	98.5	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.4
98.3	98.9	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8
98.3	98.9	99.0	99.3	99.5	99.5	99.5	99.9	100.0	100.0
.....									
98.3	98.9	99.0	99.3	99.5	99.5	99.5	99.9	100.0	100.0
.....									

OPERATING LOCATION "AA"
USAFRTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM (ONLY) OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING		VISIBILITY IN STATUTE MILES									
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
00	000		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE	20000		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE	18000		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE	16000		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE	14000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE	12000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE	10000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	8000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	250	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	50	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

1

1 - 2 - 70

INCIDENCE OF OCCURRENCE OF CLIMING VERSUS VISIBILITY FROM DIFFERENT OBSERVATIONS

PERIOD OF RECORD: JUN 71 - MAY 72
MONTH: SEP HOURS: 00-02

ITY IN STATE WILDS

3	3	3	3	3	3	3	3	3	3
1/2	1/4	1	3/4	5/8	1/2	3/8	1/4	3/8	1/2

[illegible][illegible][illegible][illegible][illegible][illegible]

199.0 199.6 199.9 199.9 199.9 199.9 199.9 199.9 199.9 199.9

OPERATING LOCATION NAME
USAF-TAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
LST TO UTC: + 5

PAGE 1
OF 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	41.1	43.2	49.9	63.2	64.5	64.5	65.5	65.5	65.5	65.5
GE 20000	41.1	44.3	51.1	55.4	55.9	57.0	58.0	58.0	58.0	58.0
GE 17000	41.1	44.3	51.1	55.4	55.9	57.0	58.0	58.0	58.0	58.0
GE 16000	41.1	44.3	51.1	55.4	55.9	57.0	58.0	58.0	58.0	58.0
GE 14000	42.0	54.5	51.5	55.4	57.4	57.6	58.5	58.5	58.5	58.5
GE 12000	42.5	55.1	52.4	55.5	53.3	58.5	59.5	59.5	59.5	59.5
GE 10000	43.1	55.5	54.3	55.7	70.2	70.3	71.5	71.5	71.5	71.5
GE 7000	44.0	55.7	54.5	55.9	70.3	70.5	71.5	71.5	71.5	71.5
GE 3000	44.1	55.0	55.3	71.5	72.9	73.1	74.2	74.2	74.2	74.2
GE 7000	44.5	55.0	55.5	71.5	73.1	73.3	74.4	74.4	74.4	74.4
GE 6000	44.5	55.0	55.5	71.5	73.1	73.3	74.4	74.4	74.4	74.4
GE 5000	45.5	55.7	57.2	72.5	74.4	74.5	75.7	75.7	75.7	75.7
GE 4500	45.5	55.7	57.2	72.7	74.5	74.8	75.7	75.9	75.9	75.9
GE 4000	46.0	55.3	58.0	73.3	75.7	75.7	77.0	77.0	77.0	77.0
GE 3500	47.0	55.2	57.9	74.4	75.5	75.8	77.0	77.0	77.0	77.0
GE 3000	45.1	51.5	70.2	75.1	77.2	75.1	79.2	79.2	79.2	79.2
GE 2500	48.4	51.9	70.7	75.4	78.5	78.8	79.9	79.9	79.9	79.9
GE 2000	47.5	52.1	71.3	77.5	79.5	79.7	80.5	80.8	80.8	80.8
GE 1500	48.5	52.1	71.3	77.5	79.5	79.7	80.5	80.8	80.8	80.8
GE 1500	48.4	53.0	72.2	77.2	81.2	81.4	82.5	82.5	82.5	82.5
GE 1200	49.3	54.1	74.5	80.5	82.5	82.7	83.5	83.5	83.5	83.5
GE 1000	50.5	55.2	75.3	82.0	84.2	84.3	85.5	85.5	85.5	85.5
GE 900	50.5	55.4	75.7	82.7	85.3	85.5	85.5	85.5	85.5	85.5
GE 800	51.0	55.7	75.5	83.5	85.4	85.5	87.7	87.7	87.7	87.7
GE 700	51.2	55.9	75.3	84.3	87.3	87.7	88.5	88.5	88.5	88.5
GE 600	51.2	55.3	77.3	84.0	88.4	88.5	89.7	89.7	89.7	89.7
GE 500	51.4	55.7	73.5	85.5	91.0	91.3	92.4	92.4	92.4	92.4
GE 400	51.4	57.0	72.0	87.7	93.0	93.4	95.5	95.5	95.5	95.5
GE 300	51.4	57.0	79.4	88.0	93.5	93.9	95.7	97.5	97.5	97.5
GE 200	51.4	57.0	72.4	83.0	93.5	93.9	95.9	93.5	93.5	93.5
GE 100	51.4	57.0	79.4	88.0	93.5	93.9	95.9	95.5	95.5	95.5
GE 000	51.4	57.0	79.4	88.0	93.5	93.9	95.9	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 643

INCIDENCY OF OCCURRENCE OF GLILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUN 70 - MAY 71
MONTH: SEP 1970 DATES: 03-05

HEIGHT IN STATUTE MILES

05 2	06 1 1/2	07 1 1/4	08 1	09 3/4	10 5/8	11 1/2	12 3/8	13 1/4	14 0
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ADAMSVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FOR ALL DATA

STATION NUMBER: 722770

STATION NAME: JOHNS AFB GA
LAT TO SIG: + 5

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 1	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	27.5	35.3	44.0	49.7	54.5	55.1	55.9	56.1	56.1	56.1
GE 20000	31.5	39.2	45.0	53.0	59.1	59.5	59.5	61.5	61.5	61.5
GE 18000	31.3	39.3	47.0	53.7	59.2	59.3	59.7	61.7	61.7	61.7
GE 16000	31.3	39.3	47.0	53.7	59.3	59.4	59.7	61.7	61.7	61.7
GE 14000	31.3	39.5	47.0	54.4	59.9	60.7	61.4	62.4	62.4	62.4
GE 12000	31.5	40.2	48.5	55.6	61.1	61.9	62.5	63.5	63.5	63.5
GE 10000	33.1	42.2	51.2	58.4	64.1	64.3	65.0	66.5	66.5	66.5
GE 8000	33.2	42.4	51.7	59.9	64.5	65.2	65.2	67.5	67.5	67.5
GE 6000	34.7	44.0	53.7	61.3	67.3	67.0	68.5	69.5	69.5	69.5
GE 7000	34.3	44.2	53.9	61.7	67.3	68.4	69.2	70.2	70.2	70.2
GE 6000	34.3	44.3	54.0	61.8	67.3	68.5	69.3	70.3	70.3	70.3
GE 5000	35.7	45.2	55.1	63.0	69.2	69.7	70.7	71.7	71.7	71.7
GE 4500	36.0	45.5	55.4	63.4	69.7	70.3	71.1	72.1	72.1	72.1
GE 4000	36.2	45.4	56.3	64.3	70.0	71.5	72.3	73.3	73.3	73.3
GE 3500	37.5	47.5	57.5	65.5	72.4	73.1	73.9	74.4	74.4	74.4
GE 3000	37.3	47.5	57.1	65.1	72.3	73.4	74.2	75.2	75.2	75.2
GE 2500	38.3	48.5	58.0	67.1	73.5	74.4	75.2	76.2	76.2	76.2
GE 2000	37.7	48.3	59.4	67.5	74.2	74.9	75.7	76.7	76.7	76.7
GE 1800	38.7	49.0	59.5	67.7	74.3	75.0	75.7	76.7	76.7	76.7
GE 1500	39.5	50.3	60.9	68.1	75.2	76.4	77.2	78.2	78.2	78.2
GE 1200	40.5	51.2	61.5	70.2	77.0	77.5	78.7	79.7	79.7	79.7
GE 1000	40.5	51.7	62.3	71.0	78.0	78.5	79.7	81.1	81.1	81.1
GE 900	41.2	52.3	63.0	71.2	78.5	79.9	81.1	82.2	82.2	82.2
GE 800	41.2	52.4	63.2	72.3	80.3	81.3	82.5	83.7	83.7	83.7
GE 700	41.3	52.7	63.5	73.3	81.7	82.9	84.2	85.4	85.4	85.4
GE 600	41.3	53.0	64.4	74.4	83.7	85.1	85.7	87.3	87.3	87.3
GE 500	41.3	53.3	65.3	75.4	85.7	87.5	89.2	91.5	91.5	91.5
GE 400	41.3	53.4	65.5	76.4	87.1	89.7	92.9	94.4	94.4	94.4
GE 300	41.3	53.4	65.5	76.5	87.3	90.0	93.4	95.9	95.9	95.9
GE 200	41.3	53.4	65.5	76.5	87.4	90.1	94.0	96.0	96.0	96.0
GE 100	41.3	53.4	65.5	76.5	87.4	90.1	94.0	96.0	96.0	96.0
GE 000	41.3	53.4	65.5	76.5	87.4	90.1	94.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 900

A

3 - 2 - 76

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM AIRCRAFT OBSERVATIONS

DATA PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: SEP HOURS: 06-08

HEIGHT IN STATUTE MILES

0	1	1 1/2	1 1/4	3/4	61	61	62	63	64	65
0	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
55.0	55.0	55.0	55.0	55.0	55.0	55.0	57.0	57.1	57.1	57.1
50.5	51.5	51.5	51.7	51.7	51.7	51.5	51.9	51.9	51.9	51.9
50.7	51.7	51.7	51.5	51.5	51.5	51.9	52.0	52.0	52.0	52.0
50.7	51.7	51.7	51.5	51.5	51.5	51.9	52.0	52.0	52.0	52.0
51.4	52.4	52.4	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.8
52.5	53.5	53.5	53.7	53.7	53.7	53.8	53.9	53.9	53.9	53.9
55.5	55.5	55.5	55.7	55.7	55.7	55.5	55.9	55.9	55.9	55.9
57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3
59.5	59.5	59.5	59.7	59.7	59.7	59.9	70.0	70.1	70.1	70.1
70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.5	70.5
70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.7	70.7	70.7	70.7
71.7	71.7	71.7	71.5	71.5	71.5	71.9	72.0	72.0	72.0	72.0
72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4
73.5	73.5	73.5	73.4	73.4	73.4	73.5	73.7	73.7	73.7	73.7
73.0	74.4	74.4	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2
74.2	75.2	75.2	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5
75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5
75.7	75.7	75.7	75.5	75.5	75.5	75.9	77.0	77.0	77.0	77.0
76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1
77.2	78.2	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.5
77.7	77.7	77.7	77.8	77.8	77.8	77.9	80.0	80.0	80.0	80.0
81.0	81.0	81.0	81.2	81.2	81.2	81.5	81.4	81.4	81.4	81.4
81.1	82.2	82.2	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5
83.5	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.0
85.2	85.3	85.3	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7
85.7	87.3	87.3	87.7	87.7	87.7	88.0	88.1	88.1	88.1	88.1
91.2	91.5	91.5	91.7	91.7	91.7	92.0	92.1	92.1	92.2	92.2
92.7	94.4	94.4	94.7	94.7	94.7	95.0	95.1	95.1	95.2	95.2
95.8	95.9	95.9	96.0	96.0	96.0	97.1	97.1	97.2	97.4	97.4
97.0	96.0	96.2	97.5	98.0	98.0	98.1	98.5	98.9	99.0	99.0
96.2	96.0	96.2	97.5	98.1	98.1	98.2	98.7	99.2	99.7	99.7
99.7	99.0	99.2	97.5	98.1	98.1	98.3	99.3	99.3	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FOLLOWINGLY OBSERVATIONS:

STATION NAME : DUBUINS AFB GA
LST IS PIC : + 5

•

TOTAL NUMBER OF OBSERVATIONS 901

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM AIRPORT OBSERVATIONS

1000

PERIOD OF RECORD: JUN 75 - MAY 80
MONTH: SEP HOURS: 09-11

ILITY IN STATUTE VILLS

	3E	3F	3G	3I	3H	3J	3L	3K	3M	3N
72	2	1 1/2	1 1/4	1	3/4	5/7	1/2	3/5	1/4	1

4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
5	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
5	98.1	98.3	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3
5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
5	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
5	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAF TAC, ACHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
IN THE HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DEBBING AFB, GA
LST TO UTC: + 5

CEILING						VISIBILITY IN STATUTE MILES				
14 FEET	30 7	60 5	90 5	120 4	150 3	30 2 1/2	60 2	90 1 1/2	120 1 1/4	
NO CEIL	41.3	47.3	49.9	50.7	50.3	50.2	50.6	50.0	50.3	
GE 20000	45.6	53.0	55.0	55.9	57.0	57.0	57.0	57.0	57.0	
GE 18000	45.6	53.0	55.0	55.7	57.0	57.0	57.0	57.0	57.0	
GE 16000	45.7	53.2	55.2	57.1	57.2	57.2	57.2	57.2	57.2	
GE 14000	45.7	54.1	57.1	58.1	58.2	58.2	58.2	58.2	58.2	
GE 12000	47.4	55.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	
GE 10000	51.6	53.9	52.0	53.0	53.1	53.1	53.1	53.1	53.1	
GE 9000	55.6	59.1	52.2	53.3	53.4	53.4	53.4	53.4	53.4	
GE 8000	52.7	52.1	55.3	55.5	55.7	55.7	55.7	55.9	55.7	
GE 7000	53.3	52.1	56.0	57.2	57.5	57.5	57.5	57.5	57.5	
GE 6000	53.3	52.3	56.0	57.2	57.5	57.5	57.5	57.5	57.5	
GE 5000	54.5	54.1	57.3	58.3	59.1	59.1	59.1	59.1	59.1	
GE 4500	55.6	55.1	53.3	58.3	70.1	70.1	70.1	70.1	70.1	
GE 4000	57.7	55.9	71.5	73.2	73.5	73.5	73.5	73.5	73.5	
GE 3500	58.3	70.3	74.4	75.1	75.4	75.4	75.4	75.4	75.4	
GE 3000	55.1	75.5	80.5	82.2	82.3	82.7	82.7	82.7	82.7	
GE 2500	66.7	73.2	82.2	84.0	84.7	84.7	84.7	84.9	84.9	
GE 2000	53.0	80.3	85.4	87.2	88.3	88.3	88.3	88.3	88.3	
GE 1500	57.2	81.1	85.9	87.7	89.0	89.0	89.0	89.0	89.0	
GE 1300	70.1	87.2	87.1	88.9	89.3	89.3	89.4	89.4	89.4	
GE 1200	71.7	83.0	83.0	89.0	92.1	92.1	92.2	92.2	92.2	
GE 1000	71.4	85.9	87.2	91.3	93.1	93.9	94.0	94.0	94.0	
GE 900	71.4	84.1	89.5	91.7	94.6	94.7	94.8	94.9	94.9	
GE 800	71.4	84.2	83.7	91.7	94.5	95.0	95.1	95.2	95.2	
GE 700	71.4	84.2	90.0	92.4	95.0	95.4	95.5	95.7	95.7	
GE 600	71.5	84.4	90.3	93.2	97.5	98.0	98.2	98.3	98.3	
GE 500	71.7	84.7	90.6	93.7	98.4	98.7	99.2	99.3	99.3	
GE 400	71.7	84.7	90.6	93.7	98.5	99.0	99.7	99.8	99.8	
GE 300	71.7	84.7	90.6	93.7	98.5	99.0	99.7	99.8	99.8	
GE 200	71.7	84.7	90.6	93.7	98.6	99.0	99.7	99.8	99.8	
GE 100	71.7	84.7	90.6	93.7	98.6	99.0	99.7	99.8	99.8	
GE 000	71.7	84.7	90.6	93.7	98.6	99.0	99.7	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS: 200

F

0 - 2 - 74

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FLIGHT OBSERVATIONS

PERIOD OF RECORD: JUN 73 - MAY 74
MONTH: SEP HOURS: 12-14

DISTANCE IN STATUTE MILES									
0-2	0-1 1/2	0-1 1/4	0-1	0-3/4	0-5/8	0-1/2	0-3/8	0-1/4	0-0
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME
USAFPTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1961 TO 1961

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

.....
CEILING

.....
VISIBILITY IN STATUTE MILES

IN FEET	GE 7	GF 8	GH 9	GI 4	GL 3	GE 1 1/2	GF 2	GH 1 1/2	GI 1 1/4	GL 1 1/4
NO CEIL	48.1	53.7	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	55.4	55.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	55.3	55.7	55.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	55.5	53.0	55.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	55.4	53.3	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	55.3	55.3	53.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	51.1	51.9	72.1	72.5	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	51.4	53.4	72.9	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	53.4	71.4	75.3	75.4	75.0	75.3	75.4	75.4	75.4	75.4
GE 7000	53.9	72.2	75.2	77.9	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	54.2	72.7	75.4	77.6	77.5	77.2	77.2	77.2	77.2	77.2
GE 5000	45.1	73.7	77.9	72.7	73.6	73.2	73.2	73.2	73.2	73.2
GE 4500	55.3	74.3	73.7	74.4	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	57.3	76.9	81.6	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	70.1	79.1	83.3	84.2	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	72.4	81.7	85.7	85.0	84.7	84.7	84.9	84.9	84.9	84.9
GE 2500	73.7	83.2	89.2	89.5	90.3	90.3	90.7	90.7	90.7	90.7
GE 2000	75.1	84.9	89.9	91.2	92.0	92.0	92.4	92.4	92.4	92.4
GE 1800	75.1	85.0	90.0	91.4	92.2	92.2	92.7	92.7	92.7	92.7
GE 1600	75.6	85.4	90.4	92.1	92.9	92.9	93.3	93.3	93.3	93.3
GE 1200	75.5	85.7	91.9	93.7	94.4	94.4	95.2	95.2	95.2	95.2
GE 1000	75.9	85.4	92.0	93.5	95.1	95.2	95.7	95.7	95.7	95.7
GE 900	75.9	85.4	92.1	94.9	95.5	95.7	95.1	95.1	95.1	95.1
GE 800	76.9	87.0	92.4	94.4	95.1	95.4	95.9	95.9	95.9	95.9
GE 700	77.1	87.3	92.9	94.9	95.5	97.1	97.5	97.5	97.5	97.5
GE 600	77.2	87.4	93.1	95.2	97.1	97.9	98.3	98.3	98.3	98.3
GE 500	77.2	87.5	93.3	95.2	98.0	98.3	98.4	98.3	98.3	98.3
GE 400	77.2	87.5	93.4	95.0	98.1	99.1	99.5	99.5	99.5	99.5
GE 300	77.2	87.5	93.4	95.0	98.2	99.2	99.7	99.8	99.8	99.8
GE 200	77.2	87.5	93.4	95.0	98.2	99.2	99.7	99.8	99.8	99.8
GE 100	77.2	87.5	93.4	95.0	98.2	99.2	99.7	99.8	99.8	99.8

.....
TOTAL NUMBER OF OBSERVATIONS 200

F

0 - 2 - 75

PAYING OF SECURITIES: JUL 79 - MAY 80
NOTES: SEP 80-81; 15-17

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF
IN THE JULY 1957

•

1. 2

1 - 2 - 3

4. INCIDENCE OF OCCURRENCE OF CHILLING VERSUS VISIBILITY AND RELATIVE HUMIDITY ESTIMATIONS

DATE: JUN 7 - MAY 16
 FROM: SFO TO: SFO: 12-20

ITY IN STATE MILLS

[illegible]

OPERATING LOCATION: WAW
USAF TAC, AHN-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1973 TO 1977

STATION NUMBER: 722270

STATION NAME: DENNIS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	83.3	80.5	64.1	65.9	65.1	65.1	65.1	65.4	65.4
GE 20000	12.4	64.5	72.9	75.2	75.4	75.4	75.4	75.7	75.7
GE 18000	53.5	62.3	73.6	75.9	75.1	75.1	75.1	75.4	75.4
GE 16000	63.8	64.2	73.5	75.2	75.1	75.1	75.1	75.4	75.4
GE 14000	64.9	62.7	74.1	75.4	75.9	75.5	75.5	75.9	75.9
GE 12000	65.2	75.5	75.1	77.6	77.5	77.5	77.5	77.9	77.9
GE 10000	65.3	72.2	75.1	80.5	80.7	80.7	80.7	81.1	81.1
GE 8000	65.4	72.2	75.1	80.5	80.7	80.7	80.7	81.1	81.1
GE 6000	65.6	74.5	77.2	82.7	83.1	83.1	83.1	83.4	83.4
GE 4000	65.9	73.1	76.5	83.1	83.4	83.4	83.4	83.7	83.7
GE 2000	65.9	75.1	83.5	83.1	83.4	83.4	83.4	83.7	83.7
GE 5000	69.4	75.9	81.4	83.2	84.4	84.4	84.4	84.7	84.7
GE 4500	70.1	75.2	81.7	84.2	84.7	84.7	84.7	85.0	85.0
GE 4000	71.5	77.4	82.4	85.4	85.9	85.9	85.9	86.2	86.2
GE 3500	71.1	77.2	84.7	87.4	87.2	87.9	87.4	88.2	88.2
GE 3000	74.1	81.1	86.7	89.5	89.3	90.9	90.9	90.4	90.4
GE 2500	75.2	81.2	86.4	89.7	89.2	90.2	90.2	90.5	90.5
GE 2000	75.4	82.9	88.7	91.5	92.0	92.0	92.0	92.4	92.4
GE 1500	75.4	82.9	88.7	91.7	92.2	92.2	92.2	92.5	92.5
GE 1000	75.5	83.1	89.0	91.3	92.4	92.4	92.5	92.9	92.9
GE 1200	77.1	85.5	90.5	92.7	93.2	93.2	93.4	93.7	93.7
GE 1000	77.4	85.3	90.3	93.5	94.4	94.4	94.5	94.9	94.9
GE 900	77.4	85.9	90.0	93.9	95.2	95.2	95.3	95.7	95.7
GE 800	77.4	85.9	90.0	94.4	95.5	95.5	95.5	95.8	95.8
GE 700	77.4	85.9	90.0	94.5	95.9	95.9	95.9	96.5	96.5
GE 600	77.5	84.1	90.2	94.7	96.2	96.3	96.5	96.8	96.8
GE 500	77.2	84.4	90.5	95.3	95.5	97.0	97.5	97.8	97.8
GE 400	77.2	84.5	90.7	95.0	97.7	97.3	94.3	93.7	93.7
GE 300	77.2	84.5	90.7	95.0	97.7	97.3	91.3	95.7	91.3
GE 200	77.2	84.5	90.7	95.0	93.9	93.2	94.7	99.0	99.3
GE 100	77.2	84.5	90.7	95.0	93.9	94.2	94.7	99.0	99.3
GE 000	77.2	84.5	90.7	95.0	93.9	94.2	94.7	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS 602

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM AIRLY OBSERVATIONS

WFO GA PERIOD OF RECORD: JUN 74 - MAY 84
MONTH: SEP HOURS: 21-23

.....										
CEILING IN STATUTE MILES										
CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
0	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4	0
.....										
1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
7	81.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
7	81.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
7	85.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
1	85.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
1	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1	99.3	99.7	99.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2	99.7	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	99.7	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	99.7	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBOIS AFB GA
LST TO UTC: + 5

DATE
MONTH

CEILING						VISIBILITY IN STATUTE MILES					
IN	50	60	65	65	61	65	61	67	65	61	61
FEET	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	1	1
NO CEIL	43.5	50.4	54.5	56.5	57.9	59.0	59.2	58.4	59.4	59.4	59.4
GE 20000	44.1	55.1	60.5	63.4	64.5	64.7	65.3	65.2	65.2	65.2	65.2
GE 18000	44.3	55.3	60.3	63.7	64.5	65.0	65.2	65.4	65.4	65.4	65.4
GE 16000	44.4	55.4	61.0	63.5	64.7	65.1	65.4	65.6	65.6	65.6	65.6
GE 14000	44.3	57.0	61.7	64.5	65.7	65.9	66.2	66.3	66.3	66.3	66.3
GE 12000	49.5	58.2	63.1	65.1	67.3	67.4	67.7	67.9	67.9	67.9	67.9
GE 10000	52.0	58.4	65.2	69.2	73.4	73.5	73.9	71.1	71.1	71.1	71.1
GE 9000	52.2	61.3	65.5	69.5	73.9	71.0	71.3	71.5	71.5	71.5	71.5
GE 8000	53.7	63.2	68.3	72.3	73.7	73.9	74.1	74.3	74.3	74.3	74.3
GE 7000	54.2	63.7	69.5	72.9	74.3	74.5	74.7	74.9	74.9	74.9	74.9
GE 6000	54.4	64.0	69.5	73.2	74.5	74.8	75.1	75.3	75.3	75.3	75.3
GE 5000	55.3	65.0	70.3	74.2	75.5	75.9	75.2	75.4	75.4	75.4	75.4
GE 4500	55.7	65.4	71.3	74.7	75.3	75.5	75.7	75.9	75.9	75.9	75.9
GE 4000	57.0	65.8	73.0	76.5	78.1	78.3	78.5	78.8	78.8	78.8	78.8
GE 3500	58.4	66.4	74.5	78.2	79.8	80.0	80.2	80.4	80.4	80.4	80.4
GE 3000	60.2	70.5	75.8	80.5	82.4	82.6	82.9	83.1	83.1	83.1	83.1
GE 2500	60.9	71.4	77.3	81.7	83.6	83.7	84.1	84.3	84.3	84.3	84.3
GE 2000	62.1	72.8	79.3	83.3	85.3	85.5	85.8	86.1	86.1	86.1	86.1
GE 1800	62.2	72.9	79.5	83.5	85.5	85.8	86.1	86.4	86.4	86.4	86.4
GE 1500	63.0	73.3	80.7	84.5	86.0	87.0	87.5	87.7	87.7	87.7	87.7
GE 1200	63.3	74.5	81.7	85.1	86.4	86.5	87.1	87.3	87.3	87.3	87.3
GE 1000	64.2	75.3	82.5	87.1	87.7	88.0	88.5	88.8	88.8	88.8	88.8
GE 900	64.4	75.6	82.9	87.5	88.5	88.9	89.5	89.7	89.7	89.7	89.7
GE 800	64.4	75.8	83.2	88.1	89.5	89.8	90.5	90.8	90.8	90.8	90.8
GE 700	64.5	75.9	83.5	88.7	89.4	89.7	90.3	90.7	90.7	90.7	90.7
GE 600	64.6	76.1	83.7	89.3	89.4	89.4	90.2	90.2	90.2	90.2	90.2
GE 500	64.7	75.3	84.3	90.1	94.5	95.4	95.5	95.5	95.5	95.5	95.5
GE 400	64.7	76.4	84.5	90.4	95.2	96.2	97.5	98.1	98.1	98.1	98.1
GE 300	64.7	75.4	84.5	90.5	95.3	96.4	97.0	98.5	98.7	98.7	98.7
GE 200	64.7	75.4	84.5	90.5	95.4	96.4	97.0	98.7	98.7	98.7	98.7
GE 100	64.7	76.4	84.5	90.5	95.4	96.4	98.0	98.7	98.9	98.9	98.9
GE 000	64.7	75.4	84.5	90.5	95.4	96.4	98.0	98.7	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 5549

FREQUENCY OF OCCURRENCE OF COILING VERSUS VISIBILITY -FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: SEP HOURS: ALL

CITY IN STATUTE MILES									
31 2	32 1 1/2	33 1 1/4	34 1	35 3/4	36 5/8	37 1/2	38 3/8	39 1/4	40 0
58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5
76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	82.1
84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9
91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
92.6	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0
93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1
97.5	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
97.5	98.5	98.7	99.1	99.2	99.2	99.2	99.2	99.3	99.3
98.9	98.7	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.7
98.0	98.7	98.9	99.4	99.6	99.6	99.6	99.7	99.9	99.9
98.0	98.7	98.9	99.4	99.6	99.6	99.6	99.7	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JULY 1961 TO 1962

STATION NUMBER: 722272

STATION NAME: CUMMINS AFB GA
LST TO UTC: + 5

CEILING IN FEET						VISIBILITY IN STATUTE MILES			
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	53.0	55.0	59.0	61.0	62.7	62.3	62.3	62.4	62.4
GE 20000	55.3	58.8	61.9	64.0	65.6	65.6	65.6	65.6	65.6
GE 18000	55.2	58.8	61.9	64.0	65.6	65.6	65.6	65.6	65.6
GE 16000	55.2	59.0	62.1	64.1	65.6	65.0	65.0	65.0	65.0
GE 14000	55.2	59.3	62.5	64.5	66.2	66.4	66.4	66.4	66.4
GE 12000	56.0	60.1	63.2	65.2	66.9	67.1	67.1	67.1	67.1
GE 10000	58.8	61.7	65.1	67.1	68.8	68.9	68.9	68.9	68.9
GE 9000	58.9	62.1	65.4	67.5	69.1	69.3	69.3	69.3	69.3
GE 8000	61.6	65.4	68.3	70.3	72.5	72.5	72.5	72.5	72.5
GE 7000	61.9	66.0	69.3	71.3	73.0	73.2	73.2	73.2	73.2
GE 6000	62.1	66.2	69.5	71.5	73.2	73.4	73.4	73.4	73.4
GE 5000	62.7	66.9	70.2	72.3	74.1	74.3	74.3	74.3	74.3
GE 4500	63.2	67.7	71.0	73.0	74.9	75.0	75.0	75.0	75.0
GE 4000	64.5	69.5	73.0	75.4	77.3	77.5	77.5	77.5	77.5
GE 3500	65.1	70.1	73.5	75.0	77.3	78.2	78.2	78.2	78.2
GE 3000	65.6	70.4	75.0	77.4	79.5	79.9	79.9	79.9	79.9
GE 2500	66.2	71.3	75.6	78.0	80.0	80.4	80.4	80.4	80.4
GE 2000	66.5	71.7	76.3	79.1	81.1	81.5	81.5	81.5	81.5
GE 1800	66.9	72.3	76.7	79.5	81.5	81.9	81.9	81.9	81.9
GE 1600	67.5	73.0	77.4	80.4	82.4	82.4	82.4	82.4	82.4
GE 1400	68.5	74.3	78.7	82.3	84.3	84.7	84.7	84.7	84.7
GE 1000	69.3	75.4	80.5	84.3	85.3	85.7	85.7	85.7	85.7
GE 900	70.1	75.2	81.5	85.4	87.4	87.8	87.8	87.8	87.8
GE 800	70.4	75.5	81.9	85.0	88.0	88.4	88.4	88.4	88.4
GE 700	70.7	76.3	82.3	86.5	88.5	88.9	88.9	88.9	88.9
GE 600	71.3	77.4	83.0	87.5	90.0	90.4	90.4	90.4	90.4
GE 500	71.5	77.5	83.7	88.5	91.1	91.5	92.1	92.2	92.2
GE 400	71.5	78.4	84.5	89.5	92.4	92.8	93.7	93.9	93.9
GE 300	71.7	78.4	84.7	90.2	93.5	94.3	95.7	95.9	95.9
GE 200	71.5	79.4	84.7	90.2	93.5	94.3	95.7	95.9	95.9
GE 100	71.5	79.4	84.7	90.2	93.7	94.5	95.9	96.3	96.3
GE 000	71.5	79.4	84.7	90.2	93.7	94.5	95.9	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS 541

A

FREQUENCY OF OCCURRENCE OF GAILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 33 PERIOD OF RECORD: JUN 70 - MAY 81
MONTH: OCT HOURS: 03-05

.....
DISTANCE IN STATUTE MILES

05 1	05 2	05 1 1/2	05 1 1/4	05 1	05 3/4	05 5/8	05 1/2	05 3/4	05 1/4	05 0
62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
65.8	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	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
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.7	95.9	95.9	95.9	95.9	96.1	96.1	96.3	96.3	96.3	96.3
95.7	95.9	95.9	95.9	95.9	96.1	96.1	97.2	97.6	97.6	97.6
95.9	96.3	96.3	96.3	96.7	97.2	97.2	98.5	99.1	99.3	99.4
99.2	99.3	99.3	99.3	99.7	99.2	99.2	99.5	99.1	99.6	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM TOTAL OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	6 7	5 6	4 5	3 4	2 3	2 1/2	2	1 1/2	1 1/4
NO CEIL	44.4	49.9	52.2	53.3	54.9	55.5	56.2	56.5	56.5
GE 20000	47.5	53.2	55.5	56.3	56.5	59.1	59.9	59.2	59.2
GE 18000	47.5	53.2	55.5	56.3	56.5	59.1	59.9	59.2	59.2
GE 16000	47.5	53.2	55.5	56.3	56.5	59.1	59.9	59.2	59.2
GE 14000	48.1	54.2	56.5	57.7	57.7	60.4	61.2	61.5	61.5
GE 12000	48.6	54.7	57.3	57.6	60.4	61.2	61.9	62.3	62.3
GE 10000	50.2	56.9	59.2	59.5	62.6	63.3	64.1	64.4	64.4
GE 9000	50.2	56.9	59.2	59.5	62.7	63.4	64.2	64.5	64.5
GE 8000	52.2	59.4	61.7	63.1	65.2	65.9	66.7	67.0	67.2
GE 7000	52.7	59.7	62.2	63.5	65.8	66.5	67.4	67.5	67.7
GE 6000	52.9	60.1	62.5	64.0	66.0	66.8	67.6	68.1	68.1
GE 5000	53.3	61.0	63.3	64.3	67.2	68.0	68.9	69.4	69.4
GE 4500	54.3	61.5	64.0	65.5	68.1	69.3	69.5	70.2	70.2
GE 4000	54.9	62.5	65.3	67.2	70.0	70.9	71.3	72.3	72.3
GE 3500	55.2	62.8	65.5	67.5	70.3	71.2	72.2	72.5	72.5
GE 3000	55.4	63.0	65.5	68.0	70.8	71.5	72.5	73.0	73.0
GE 2500	56.2	64.2	67.1	69.4	72.3	73.1	74.1	74.5	74.5
GE 2000	57.4	65.5	68.3	71.1	74.0	74.5	75.9	76.5	76.5
GE 1800	57.5	65.9	69.1	71.4	74.4	75.3	76.3	76.9	76.9
GE 1500	57.5	65.9	70.1	72.5	75.5	76.5	77.5	78.2	78.2
GE 1200	59.7	64.5	71.9	74.5	77.3	78.8	80.1	80.5	80.5
GE 1000	60.3	63.5	73.5	76.3	80.0	81.1	82.4	82.9	82.9
GE 900	60.5	70.2	74.2	77.2	80.9	82.3	83.5	84.1	84.1
GE 800	60.7	70.9	75.4	78.5	82.3	83.7	85.1	85.5	85.5
GE 700	61.1	71.3	76.1	79.4	83.3	84.7	86.1	86.5	86.5
GE 600	61.3	72.5	77.5	80.9	85.2	86.8	88.2	89.1	89.1
GE 500	61.3	72.6	78.1	81.5	86.5	88.4	89.0	91.3	91.4
GE 400	61.3	72.9	78.5	82.4	87.4	89.2	91.2	92.6	92.7
GE 300	61.5	73.0	78.7	82.5	88.1	90.2	92.9	94.7	94.7
GE 200	61.3	73.0	78.7	82.5	88.2	90.3	93.0	95.3	95.4
GE 100	61.5	73.0	78.7	82.5	88.2	90.3	93.1	95.5	95.9

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

RECEIVED IF RECORD: JUN 74 - MAY 75
MONTH: OCT HOURS: 06-08

LITY IN STATUTE MILES

50	51	52	53	54	55	56	57	58	59	60
1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	5/16	3/8
55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
59.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
59.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
59.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
83.5	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
85.1	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
85.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
88.2	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
91.2	92.6	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1
92.9	94.7	94.8	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7
93.9	95.3	95.4	95.7	96.1	96.2	96.5	97.0	97.1	97.1	97.1
97.1	95.5	95.9	95.5	97.3	97.4	98.2	98.8	99.0	99.2	
98.1	95.5	95.9	95.5	97.3	97.4	98.3	98.9	99.6	100.0	

OPERATING LOCATION "A"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	50.2	55.1	56.3	56.2	57.3	57.5	57.5	57.6	57.7	57.7
GE 20000	53.3	58.3	59.2	60.6	61.1	61.3	61.3	61.4	61.4	61.4
GE 18000	53.5	58.5	60.1	60.9	61.3	61.5	61.5	61.5	61.5	61.5
GE 16000	53.5	58.5	60.1	60.9	61.3	61.5	61.5	61.5	61.5	61.5
GE 14000	54.1	59.1	61.0	61.7	62.3	62.6	62.6	62.7	62.7	62.7
GE 12000	54.2	60.1	62.2	62.9	63.4	63.8	63.8	63.9	63.9	63.9
GE 10000	58.5	63.8	65.1	67.0	67.5	67.5	67.5	67.6	67.6	67.6
GE 9000	58.5	63.8	65.1	67.0	67.5	67.5	67.5	67.6	67.6	67.6
GE 8000	59.6	65.4	67.7	68.6	69.2	69.6	69.6	69.7	69.7	69.7
GE 7000	60.0	65.8	68.3	69.5	70.2	70.5	70.5	70.6	70.6	70.6
GE 6000	60.3	65.1	68.6	69.9	70.5	70.9	70.9	71.0	71.0	71.0
GE 5000	61.1	67.2	69.7	71.1	71.7	72.0	72.0	72.2	72.2	72.2
GE 4500	61.7	68.2	70.6	72.2	72.9	73.2	73.2	73.3	73.3	73.3
GE 4000	62.0	68.5	71.0	72.7	73.5	73.7	73.9	74.0	74.0	74.0
GE 3500	62.4	69.0	71.5	73.2	74.1	74.4	74.4	74.5	74.5	74.5
GE 3000	62.6	69.2	71.7	73.3	74.6	74.9	74.9	75.2	75.2	75.2
GE 2500	63.4	70.2	72.8	74.5	75.7	75.9	75.9	76.2	76.2	76.2
GE 2000	64.2	71.4	74.0	75.1	77.1	77.4	77.4	77.5	77.7	77.7
GE 1800	64.7	72.0	74.7	75.2	77.3	77.2	77.2	77.4	77.5	77.5
GE 1500	65.4	72.9	76.0	76.2	77.1	77.5	77.5	77.7	77.7	77.7
GE 1200	67.1	75.4	78.9	81.2	82.4	82.7	82.7	82.9	83.0	83.0
GE 1000	68.0	77.0	80.5	82.9	84.1	84.4	84.5	84.7	84.8	84.8
GE 900	68.1	77.5	81.5	83.3	84.9	85.3	85.3	85.3	85.3	85.3
GE 800	68.1	77.9	81.7	84.4	86.0	86.3	86.5	86.9	87.1	87.1
GE 700	68.1	78.9	83.2	85.9	87.8	88.5	88.7	89.2	89.5	89.5
GE 600	68.1	79.5	84.4	87.5	89.8	90.8	91.4	91.7	91.9	91.9
GE 500	68.1	79.7	84.7	88.3	91.5	92.5	93.5	94.0	94.3	94.3
GE 400	68.1	79.7	84.8	88.7	92.8	94.0	95.0	95.1	95.5	95.5
GE 300	68.1	79.8	84.8	88.9	92.9	94.3	95.2	95.5	97.0	97.0
GE 200	68.1	79.8	84.8	88.9	92.9	94.3	95.3	96.7	97.1	97.1
GE 100	68.1	79.5	84.3	88.9	92.9	94.3	95.3	96.7	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 932

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AREA: GA PERIOD OF RECORD: JUN 73 - MAY 81
MONTH: OCT HOURS: 09-11

.....
VISIBILITY IN STATUTE MILES

	GE 2	GF 1 1/2	GF 1 1/4	GF 1	GE 3/4	GE 5/8	GF 1/2	GF 3/8	GE 1/4	GF 0
5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
6	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
9	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
10	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
11	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
12	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
13	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
14	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
15	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
16	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
17	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
18	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
19	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
20	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
21	75.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
22	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
23	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
24	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
25	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
26	84.5	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9
27	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
28	86.5	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
29	88.3	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
30	91.4	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
31	93.5	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
32	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
33	95.8	96.5	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8
34	95.8	96.7	97.1	97.5	98.2	98.4	98.7	98.7	98.7	98.7
35	95.8	96.7	97.1	97.7	98.5	98.9	99.4	99.5	99.7	99.7
36	95.8	96.7	97.1	97.7	98.5	98.9	99.5	99.7	100.0	100.0
37	95.8	96.7	97.1	97.7	98.5	98.9	99.5	99.7	100.0	100.0

OPERATING LOCATION "A"
USAFETAG, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS APP GA
LST TO UTC: + 5

0-1
1-10

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 4	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	54.3	55.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	61.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	61.3	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 16000	61.7	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	62.0	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	62.9	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	65.1	68.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	65.4	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	69.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	67.2	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	67.3	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	69.2	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	69.7	73.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1800	71.5	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1600	72.3	76.5	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 1400	75.1	79.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	77.0	81.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8
GE 1000	78.5	83.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 800	79.7	83.9	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4
GE 600	79.5	85.6	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2
GE 400	80.5	86.2	87.1	87.1	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	80.5	87.2	88.5	88.5	89.4	89.4	89.4	89.4	89.4	89.4
GE 200	80.7	87.4	88.5	88.5	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	80.9	88.0	89.5	89.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	81.1	88.5	89.3	89.3	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	81.3	89.2	91.5	91.5	93.4	93.4	93.4	93.4	93.4	93.4
GE 500	81.3	89.4	92.2	92.2	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	81.3	89.4	92.3	92.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 300	81.3	89.4	92.3	92.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 200	81.3	89.4	92.3	92.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	81.3	89.4	92.3	92.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	81.3	89.4	92.3	92.3	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 930

A

1 - 2 - 32

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 3A PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: OCT HOURS: 12-14

.....										
VISIBILITY IN STATUTE MILES										
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
0	1 1/2	1 1/4	1	3/4	5/8	1/2	3/5	1/4	0	0
.....										
57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.4	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
97.4	97.4	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6
97.4	98.1	98.4	98.7	99.1	99.1	99.5	99.5	99.6	99.6	99.6
97.4	98.1	98.4	98.7	99.2	99.2	99.6	99.6	99.9	99.9	100.0
97.4	98.1	98.4	98.7	99.2	99.2	99.6	99.6	99.9	99.9	100.0
.....										

OPERATING LOCATION "1"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
EACH CAUSE OF DEATH

STATIDN 49000: 722070

STATION NAME : DUBBINS AFB GA
LST TO UTC : + 5

[illegible]

TOTAL NUMBER OF OBSERVATIONS 435

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

0014: JET 40000: 15-17

[illegible]

1

OPERATING LOCATION "A"
UGARITAC, ASPH-VILLAGE

PERCENTAGE FREQUENCY OF OCCURRENCE
OF EACH CATEGORY OF OBSERVATION

STATION NUMBER: 722270

STATION NAME: DELAINS AFB GA
LST TO UTC: + 5

CEILING

VISIBILITY IN STATUTE MILES

IN FOOT	0- 7	8- 15	16- 25	26- 34	35- 43	44- 52	53- 61	62- 70	71- 80	81- 90
	2 1/2	2	1 1/2	1 1/4						
NO CEIL	61.6	63.9	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	73.4	72.6	72.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	69.3	72.6	72.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	69.3	72.6	72.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	70.1	72.7	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	71.3	74.7	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	74.7	77.5	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	75.1	78.2	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	75.5	80.1	80.4	81.1	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	77.1	82.9	81.3	81.7	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	77.1	85.7	81.3	81.9	82.3	82.3	82.3	82.3	82.3	82.3
GE 5000	77.3	81.9	82.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	77.7	82.3	82.7	83.3	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	77.6	82.6	83.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	77.4	82.9	84.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	81.2	88.7	87.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	82.0	86.7	88.0	88.5	89.1	89.4	89.4	89.4	89.4	89.4
GE 2000	82.3	87.7	88.4	89.2	89.3	89.7	89.9	89.9	89.9	89.9
GE 1800	82.3	87.5	88.4	89.1	89.9	89.1	89.1	89.1	89.1	89.1
GE 1600	82.3	87.2	88.5	89.4	89.1	89.4	89.5	89.5	89.5	89.5
GE 1400	82.5	87.5	89.0	89.9	89.5	91.1	91.2	91.3	91.3	91.3
GE 1200	82.7	88.2	89.5	90.5	91.4	92.2	92.3	92.4	92.4	92.4
GE 1000	82.7	88.2	89.5	90.5	91.4	92.3	92.4	92.5	92.5	92.5
GE 900	82.3	88.3	89.3	90.6	92.4	92.7	92.8	92.9	92.9	92.9
GE 800	82.4	88.4	89.1	91.3	92.3	93.1	93.2	93.3	93.3	93.3
GE 700	82.3	88.5	89.5	92.0	93.9	94.2	94.3	94.4	94.4	94.4
GE 600	82.4	88.5	89.6	92.5	94.7	95.2	95.3	95.5	95.5	95.5
GE 500	82.4	88.5	89.9	93.0	95.3	95.2	95.3	97.1	97.1	97.1
GE 400	82.3	88.6	91.0	93.1	95.1	95.6	97.3	95.1	93.1	93.1
GE 300	82.6	88.5	91.0	93.1	95.1	95.7	98.0	98.3	98.3	98.3
GE 200	82.3	88.5	91.0	93.1	95.1	95.7	98.2	99.1	99.1	99.1
GE 100	82.3	88.5	91.0	93.1	95.1	95.7	98.2	99.1	99.1	99.1
GE 000	82.3	88.5	91.0	93.1	95.1	95.7	98.2	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUL 78 - MAY 98
 MONTH: OCT HOURS: 18-20

.....
 DISTANCE IN STATUTE MILES

	GE 0	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: COBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	62.3	64.7	65.1	65.4	65.4	65.4	65.6	65.6	65.6
GE 20000	67.7	70.1	70.5	70.8	70.8	70.8	71.0	71.0	71.0
GE 18000	67.7	70.1	70.5	70.8	70.8	70.8	71.0	71.0	71.0
GE 16000	67.7	70.1	70.5	70.8	70.8	70.8	71.0	71.0	71.0
GE 14000	68.0	70.4	71.0	71.3	71.3	71.3	71.4	71.4	71.4
GE 12000	68.7	71.1	71.7	72.0	72.0	72.0	72.2	72.2	72.2
GE 10000	70.6	72.9	73.7	74.0	74.0	74.0	74.1	74.1	74.1
GE 9000	70.6	72.9	73.7	74.0	74.0	74.0	74.1	74.1	74.1
GE 8000	71.9	74.6	75.5	75.1	75.1	75.1	75.2	75.2	75.2
GE 7000	72.2	74.9	75.4	77.1	77.1	77.1	77.3	77.3	77.3
GE 6000	72.6	75.5	77.1	77.9	77.9	77.9	78.0	78.0	78.0
GE 5000	73.1	75.9	77.7	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	73.1	76.1	77.9	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	74.1	77.3	79.7	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	75.0	78.2	80.5	81.4	81.4	81.4	81.5	81.5	81.5
GE 3000	75.9	80.0	83.2	83.9	84.4	84.4	84.5	84.5	84.5
GE 2500	77.5	80.8	83.9	84.7	85.1	85.1	85.3	85.3	85.3
GE 2000	79.3	83.5	85.3	87.7	88.1	88.1	88.3	88.3	88.3
GE 1800	80.0	83.5	85.9	87.5	88.3	88.3	88.4	88.4	88.4
GE 1500	80.5	84.1	87.7	88.5	89.0	89.0	89.2	89.2	89.2
GE 1200	80.5	84.1	87.7	88.9	89.3	89.3	89.5	89.5	89.5
GE 1000	81.1	84.7	88.5	90.4	90.8	90.8	91.0	91.0	91.0
GE 900	81.1	84.3	88.7	90.5	91.1	91.1	91.3	91.3	91.3
GE 800	81.1	85.0	88.9	90.8	91.5	91.5	91.7	91.7	91.7
GE 700	81.1	85.0	89.0	91.5	92.5	92.5	92.6	92.6	92.6
GE 600	81.1	85.0	89.2	92.3	93.5	93.5	93.7	93.7	93.7
GE 500	81.1	85.1	89.3	93.2	94.4	94.5	94.7	95.3	95.3
GE 400	81.1	85.1	90.1	93.5	94.7	95.0	95.3	95.2	95.2
GE 300	81.1	85.1	90.2	93.4	95.2	95.5	95.4	97.4	97.4
GE 200	81.2	85.3	90.4	94.1	95.7	95.7	95.9	99.1	99.1
GE 100	81.2	85.3	90.4	94.1	95.9	96.4	98.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 555

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WFO GA PERIOD OF RECORD: JUN 74 - MAY 83
MONTH: OCT HOURS: 21-23

.....										
VISIBILITY IN STATUTE MILES										
CEILING	SE	GE	GF	SE	GE	GF	SE	GE	SE	GF
72	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
4	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
5	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
7	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
8	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
10	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
11	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
12	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
13	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
14	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
15	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
16	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
17	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
18	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
19	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
20	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
21	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
22	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
23	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
24	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
25	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
26	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
27	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
28	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
29	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
30	95.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
31	95.3	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
32	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
33	98.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
34	98.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
35	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
.....										

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

P. 1
400

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	64.5	67.7	63.7	69.3	69.3	60.0	60.1	60.2	60.2	60.2
GE 20000	60.3	63.5	64.7	65.4	65.7	66.1	66.2	66.3	66.3	66.3
GE 18000	60.3	63.7	64.3	65.5	65.0	66.2	65.3	66.4	66.4	66.4
GE 16000	60.4	63.8	64.8	65.5	65.0	65.2	65.3	65.4	65.4	65.4
GE 14000	60.3	64.4	65.6	65.3	65.8	67.0	67.1	67.2	67.2	67.2
GE 12000	61.9	65.6	66.5	67.9	68.0	68.2	68.3	68.4	68.4	68.4
GE 10000	64.4	68.2	69.5	70.2	70.3	71.0	71.1	71.2	71.2	71.2
GE 9000	64.5	68.4	69.7	70.4	71.0	71.2	71.3	71.4	71.4	71.4
GE 8000	64.3	70.6	71.9	72.7	73.3	73.5	73.7	73.7	73.7	73.7
GE 7000	68.3	71.2	72.5	73.5	74.1	74.3	74.5	74.6	74.6	74.6
GE 6000	67.0	71.4	72.9	73.3	74.4	74.5	74.3	74.3	74.3	74.3
GE 5000	67.3	72.4	73.9	74.5	75.5	75.7	75.9	76.0	76.0	76.0
GE 4500	63.2	73.1	74.5	75.0	75.3	75.5	75.5	75.7	75.7	75.7
GE 4000	69.2	74.2	76.0	77.0	77.3	73.1	73.2	73.3	73.3	73.3
GE 3500	69.7	75.0	76.3	77.3	73.5	73.7	73.0	73.1	73.1	73.1
GE 3000	71.3	76.4	78.4	79.5	80.4	80.7	80.9	81.0	81.0	81.0
GE 2500	72.3	77.5	79.5	80.7	81.7	82.0	82.2	82.3	82.3	82.3
GE 2000	73.2	73.3	80.9	82.2	83.2	83.5	83.7	83.9	83.9	83.9
GE 1800	73.4	79.1	81.3	82.5	83.5	83.9	84.1	84.3	84.3	84.3
GE 1600	74.0	79.9	82.2	83.5	84.7	84.9	85.2	85.4	85.4	85.4
GE 1400	74.0	81.1	83.5	85.1	85.4	85.7	87.0	87.2	87.2	87.2
GE 1200	75.3	81.9	84.5	86.3	87.3	88.1	88.5	88.7	88.7	88.7
GE 1000	75.3	82.3	85.0	86.3	88.3	88.7	89.2	89.3	89.4	89.4
GE 900	75.7	82.7	85.5	87.5	89.2	89.5	90.1	90.3	90.4	90.4
GE 800	75.3	83.1	85.3	88.5	90.4	90.3	91.4	91.5	91.5	91.5
GE 700	76.0	83.7	87.2	89.7	91.7	92.3	92.9	93.2	93.2	93.2
GE 600	76.0	83.8	87.5	90.4	92.9	93.5	94.3	94.5	94.5	94.5
GE 500	76.0	83.9	87.5	91.0	94.0	94.3	95.2	97.1	97.2	97.2
GE 400	76.0	84.0	87.9	91.1	94.1	95.0	95.5	97.5	97.7	97.7
GE 300	76.0	84.0	87.9	91.1	94.1	95.0	95.5	97.7	97.7	97.7
GE 200	76.0	84.0	87.9	91.1	94.1	95.0	95.5	97.7	97.7	97.7
GE 100	76.0	84.0	87.9	91.1	94.1	95.0	95.5	97.7	97.7	97.7
GE 000	76.0	84.0	87.9	91.1	94.1	95.0	95.5	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 5356

A

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB GA

PERIOD OF RECORD: JUN 75 - MAY 84
MONTH: OCT HOURS: ALL

.....										
VISIBILITY IN STATUTE MILES										
1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
0.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
0.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
0.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
0.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
0.4	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
0.5	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
0.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0.7	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
0.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
1.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
1.1	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
1.2	75.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
1.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
1.4	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
1.5	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
1.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
1.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
1.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2.3	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2.4	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2.5	92.9	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
2.6	94.3	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2.7	95.4	95.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
2.8	96.2	97.1	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7
2.9	96.5	97.5	97.7	98.0	98.3	98.4	98.7	98.8	98.8	98.8
3.0	96.6	97.7	97.7	98.3	98.3	98.9	99.4	99.5	99.7	99.8
3.1	96.5	97.7	97.9	98.3	98.8	98.8	99.4	99.5	99.9	100.0
.....										

OPERATING LOCATION "AA"
JSAHSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

1
MONTH

CEILING						VISIBILITY IN STATUTE MILES				
IN FEET	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
NO CEIL	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 18000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 10000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 9000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 8000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 7000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 6000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 5000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 4500	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 4000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 3500	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 3000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2500	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1800	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1500	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1200	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 900	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 800	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 700	54.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 600	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 500	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 400	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 300	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 200	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 100	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 000	54.7	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4

TOTAL NUMBER OF OBSERVATIONS

17

7

1 - 2 - 37

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

202 64

PERIOD OF RECORD: JUN 73 - MAY 83

40NT4: 40V 40125: 00-02

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: JOBBINS AFB GA
LST TO UTC: + 5

24-1
40-1

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
NO CEIL	45.5	45.2	49.5	49.5	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	47.0	50.0	51.4	51.5	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	47.0	50.0	51.4	51.5	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	47.0	50.0	51.4	51.5	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	49.9	51.1	52.2	52.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	49.3	51.4	52.4	53.2	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	50.7	52.4	54.3	54.5	55.0	55.0	55.0	55.0	55.0	55.0
GE 9000	51.1	53.2	54.5	55.0	55.3	55.3	55.7	55.7	55.7	55.7
GE 8000	53.2	55.0	57.3	57.5	58.9	58.7	59.2	59.2	59.2	59.2
GE 7000	53.5	55.7	58.5	59.2	59.5	59.5	59.9	59.9	59.9	59.9
GE 6000	53.5	55.7	58.5	59.2	59.5	59.5	59.9	59.9	59.9	59.9
GE 5000	54.3	57.5	59.5	60.3	60.5	60.5	61.0	61.0	61.0	61.0
GE 4500	54.5	57.2	59.9	60.5	61.0	61.0	61.3	61.3	61.3	61.3
GE 4000	55.3	58.9	61.3	62.1	62.4	62.4	62.4	62.3	62.4	62.4
GE 3500	56.0	60.3	62.5	63.5	63.3	63.3	64.2	64.2	64.2	64.2
GE 3000	56.2	62.5	65.3	67.0	67.4	67.4	67.7	67.7	67.7	67.7
GE 2500	59.5	63.5	65.7	67.4	67.7	67.7	68.1	68.1	68.1	68.1
GE 2000	61.7	65.0	69.1	70.2	70.5	70.5	70.9	70.9	70.9	70.9
GE 1800	61.7	65.3	69.5	71.3	71.5	71.5	72.0	72.0	72.0	72.0
GE 1600	63.1	67.7	71.5	73.4	73.2	73.2	74.1	74.1	74.1	74.1
GE 1400	65.2	69.9	73.5	75.2	77.0	77.0	77.3	77.3	77.3	77.3
GE 1200	65.5	70.2	74.1	75.5	76.4	76.4	76.7	76.1	76.1	76.1
GE 1000	65.7	71.3	75.5	76.2	77.3	77.3	77.5	77.9	77.9	77.9
GE 900	67.7	72.3	75.5	79.1	80.9	80.9	82.3	82.5	82.5	82.5
GE 800	67.7	72.7	77.0	79.4	81.2	81.2	82.5	83.0	83.0	83.0
GE 700	68.1	73.4	78.0	81.7	83.7	83.7	85.1	85.5	85.5	85.5
GE 600	68.1	73.4	79.1	83.7	85.5	85.5	87.5	87.9	88.3	88.3
GE 500	68.1	73.4	79.4	85.5	87.5	87.5	89.7	90.1	90.4	90.4
GE 400	68.1	73.4	79.3	85.3	87.7	88.7	90.3	91.5	91.2	91.2
GE 300	68.1	73.4	79.3	85.3	87.4	87.4	91.8	95.0	95.1	95.5
GE 200	68.4	73.8	80.1	86.2	90.1	90.1	92.5	95.1	97.2	97.7
GE 100	68.4	73.8	80.1	86.2	90.1	90.1	92.5	95.1	97.2	97.7
GE 000	68.4	73.8	80.1	86.2	90.1	90.1	92.5	95.1	97.2	97.7

TOTAL NUMBER OF OBSERVATIONS 282

5

0 - 2 - 30

PERIOD OF RECORD: JUN 79 - MAY 83
MONTH: NOV HOURS: 03-05

3 - 2 - 39

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM 4000 LY TO 5000 LY

STATION NUMBER: 722270

STATION NAME: DRAVINS AFB GA
LST TO UTC: + 5

DATE:
1970

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	37.3	41.6	44.7	45.4	45.7	45.7	45.8	45.9	45.9	46.0
GE 20000	39.8	44.2	47.3	48.4	48.6	48.9	49.0	49.1	49.2	49.3
GE 18000	39.9	44.3	47.4	48.5	48.9	49.0	49.1	49.2	49.3	49.4
GE 16000	40.0	44.4	47.5	48.7	49.0	49.1	49.2	49.3	49.4	49.5
GE 14000	40.3	44.8	47.9	49.0	49.4	49.6	49.7	49.8	49.9	50.0
GE 12000	41.1	45.7	49.8	49.9	50.3	50.4	50.7	50.8	50.9	51.0
GE 10000	43.2	47.8	51.0	52.3	52.9	52.9	53.1	53.2	53.3	53.4
GE 9000	43.4	48.1	51.3	52.3	53.2	53.3	54.5	53.7	53.8	53.9
GE 8000	45.0	49.7	53.1	54.4	55.6	55.7	56.9	55.1	55.2	55.3
GE 7000	45.4	50.2	53.7	55.3	55.1	55.2	55.4	55.7	55.8	55.9
GE 6000	45.4	50.2	53.7	55.3	55.1	55.2	55.4	55.7	55.8	55.9
GE 5000	46.2	51.0	54.7	55.4	57.2	57.3	57.5	57.8	57.9	58.0
GE 4500	47.3	52.1	55.0	55.0	58.2	58.3	59.1	59.3	59.4	59.5
GE 4000	48.2	53.0	57.1	59.4	60.2	60.3	60.5	60.8	60.9	61.0
GE 3500	48.3	53.6	57.9	60.3	61.1	61.2	61.4	61.7	61.8	61.9
GE 3000	50.8	56.0	60.2	62.8	63.7	63.8	64.0	64.4	64.7	64.8
GE 2500	52.4	57.9	62.1	64.0	65.3	65.9	65.3	65.3	67.0	67.1
GE 2000	54.7	60.2	64.5	67.5	68.4	68.7	69.3	69.4	70.3	70.4
GE 1800	55.0	60.7	65.1	68.1	69.3	69.4	69.7	70.3	70.5	70.6
GE 1600	55.3	62.1	66.6	69.9	71.2	71.3	71.7	72.3	72.6	72.7
GE 1400	56.0	63.9	68.4	72.0	73.3	73.4	74.1	74.6	74.8	74.9
GE 1200	59.0	65.2	69.9	73.7	75.0	75.1	75.3	76.2	76.4	76.5
GE 1000	59.7	66.3	71.3	75.2	75.5	75.7	77.4	77.9	78.1	78.2
GE 900	59.9	66.9	72.2	75.2	73.1	73.2	73.1	73.6	73.8	73.9
GE 800	60.2	67.4	73.6	77.7	79.9	80.0	81.1	81.7	81.9	82.0
GE 700	60.3	68.1	74.8	79.3	82.1	82.3	83.7	84.3	84.7	84.8
GE 600	61.1	68.1	76.0	81.1	84.2	84.4	85.3	85.7	87.0	87.1
GE 500	61.2	69.0	75.6	83.1	87.3	87.7	89.5	90.6	90.9	91.0
GE 400	61.2	69.0	75.6	83.2	88.6	88.7	91.2	93.0	93.3	93.4
GE 300	61.2	69.0	75.6	83.2	89.1	89.4	91.3	94.1	94.7	94.8
GE 200	61.2	69.0	75.6	83.2	89.1	89.4	92.0	94.6	95.2	95.3
GE 100	61.2	69.0	75.6	83.2	89.1	89.4	92.0	94.6	95.2	95.3

TOTAL NUMBER OF OBSERVATIONS 900

A

3 - 2 - 30

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

FA 64 PERIOD OF RECORD: JUN 76 - MAY 77
MONTH: NOV HOURS: 06-08

.....
LITY IN STATUTE MILES

	01	02	03	04	05	06	07	08	09	10
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
46.0	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
47.0	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
49.0	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
50.0	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4
54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
72.0	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
100.0	100.1	100.2	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.4

OPERATING LOCATION: "A"
 LOCATION, 49° WILL- 40

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 FROM JULY 1964-1970

STATION NUMBER: 722270

STATION NAME: JENNINS AFB TX
 LST TO UTC: + 5

1-1
 1-1

CEILING						VISIBILITY IN STATUTE MILES					
IN FOOT	7	5	3	4	3	6 2 1/2	5 2	6 1 1/2	5 1 1/4	4	3
NO CEIL	32.0	42.3	44.6	45.2	43.6	45.6	43.2	45.3	45.7	45.7	45.7
GE 20000	42.3	47.0	49.1	50.1	50.4	50.5	50.1	51.5	50.5	50.5	50.5
GE 18000	43.3	47.5	49.7	50.7	51.2	51.1	51.3	51.3	51.3	51.3	51.3
GE 16000	43.6	47.7	49.8	50.8	51.1	51.2	51.4	51.4	51.4	51.4	51.4
GE 14000	43.5	47.8	49.9	50.9	51.2	51.3	51.4	51.6	51.6	51.6	51.6
GE 12000	44.7	48.0	51.0	52.0	52.3	52.4	52.7	52.7	52.7	52.7	52.7
GE 10000	45.6	50.9	53.0	54.0	54.4	54.5	54.5	54.7	54.7	54.7	54.7
GE 8000	45.9	51.2	53.3	54.4	55.2	55.3	55.7	55.7	55.7	55.7	55.7
GE 6000	47.4	53.3	55.7	56.2	57.7	57.4	58.1	58.1	58.1	58.1	58.1
GE 4000	47.0	53.8	56.2	57.5	57.0	58.0	58.3	58.3	58.3	58.3	58.3
GE 3000	49.1	53.3	56.1	57.0	58.1	58.2	58.6	58.6	58.6	58.6	58.6
GE 2000	50.1	54.3	57.1	58.2	59.1	59.3	59.7	59.7	59.7	59.7	59.7
GE 1800	51.4	54.4	57.3	58.3	59.0	59.2	59.4	59.4	59.4	59.4	59.4
GE 1600	51.5	55.7	58.0	59.1	61.0	61.2	61.7	61.7	61.7	61.7	61.7
GE 1400	52.2	57.4	59.5	61.1	62.1	62.3	62.9	62.9	62.9	62.9	62.9
GE 1200	53.7	59.1	61.5	63.2	64.4	64.2	65.4	65.6	65.6	65.6	65.6
GE 1000	54.3	60.3	62.3	64.4	65.2	65.2	66.5	67.0	67.0	67.0	67.0
GE 800	57.3	63.0	65.7	67.5	69.0	69.7	70.7	70.4	70.4	70.4	70.4
GE 600	58.2	64.0	66.7	68.5	70.2	70.2	71.4	71.7	71.7	71.7	71.7
GE 400	59.3	65.4	70.1	72.2	73.7	74.3	75.0	75.2	75.2	75.2	75.2
GE 200	61.5	67.0	72.0	74.3	75.9	75.6	77.2	77.4	77.4	77.4	77.4
GE 1000	63.3	70.1	74.3	76.5	78.3	78.0	79.9	80.1	80.1	80.1	80.1
GE 800	63.2	70.5	75.2	77.0	79.5	80.2	81.1	81.3	81.3	81.3	81.3
GE 600	64.4	71.7	76.3	78.4	81.5	82.3	83.3	83.7	83.7	83.7	83.7
GE 400	65.2	72.7	77.4	81.1	84.0	84.0	85.3	85.7	85.7	85.7	85.7
GE 300	65.4	73.2	78.2	82.3	85.7	85.6	88.1	88.5	88.5	88.5	88.5
GE 200	65.6	73.5	78.7	83.5	87.7	88.5	90.4	91.2	91.2	91.2	91.2
GE 100	65.7	73.8	79.2	84.7	89.0	89.0	92.3	93.0	93.0	93.0	93.0
GE 300	65.2	74.1	79.7	85.1	89.3	89.3	92.1	92.8	92.8	92.8	92.8
GE 200	65.0	74.1	79.7	85.1	89.3	89.3	92.3	92.2	92.2	92.2	92.2
GE 100	65.0	74.1	79.7	85.1	89.3	89.3	91.0	94.4	95.3	97.1	97.1
GE 200	65.2	74.1	79.7	85.1	89.3	89.3	91.0	94.4	95.3	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 900

F

0 - 2 - 35

1
1

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM AIRCRAFT OBSERVATIONS

PERIOD OF RECORD: JUN 72 - MAY 73
MONTH: NOV HOURS: 00-11

CITY IN STATUTE MILES										
0	5	10	15	20	25	30	35	40	45	50
0	1 1/2	1 1/4	1	3/4	5/8	1/2	3/5	1/4	0	0
45.2	45.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAF TAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
4234 JULY 1954-7311

STATION NUMBER: 722270

STATION NAME: GORRIS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	5 1/2	5	4 1/2	4	3 1/2	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	44.9	45.2	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	53.4	54.4	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	53.4	55.2	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	53.4	55.2	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	53.4	55.2	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	55.6	56.9	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	55.4	57.2	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	55.4	58.4	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	59.2	61.1	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 7000	62.1	62.6	62.7	62.8	63.0	63.1	63.1	63.1	63.1	63.1
GE 6000	62.1	62.7	62.7	62.8	63.0	63.1	63.1	63.1	63.1	63.1
GE 5000	61.6	63.4	64.1	64.3	64.5	64.7	64.7	64.7	64.7	64.7
GE 4500	61.6	63.4	64.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0
GE 4000	63.4	64.5	65.5	65.8	65.9	66.1	66.1	66.1	66.1	66.1
GE 3500	63.7	65.7	66.3	66.5	66.6	66.9	66.9	66.9	66.9	66.9
GE 3000	65.0	66.1	67.3	67.5	67.7	67.8	67.8	67.9	67.9	67.9
GE 2500	68.4	70.7	71.4	71.7	72.3	72.4	72.4	72.6	72.6	72.6
GE 2000	71.7	74.2	75.1	75.5	75.1	75.2	75.3	75.4	75.4	75.4
GE 1800	72.0	74.7	75.5	75.7	75.8	75.9	77.0	77.1	77.1	77.1
GE 1600	74.3	77.5	78.0	78.4	78.6	78.7	78.8	78.9	78.9	78.9
GE 1400	75.5	78.7	78.7	78.8	78.9	79.0	79.2	79.5	79.5	79.5
GE 1200	77.3	81.3	81.4	81.4	81.5	81.6	81.7	81.8	81.8	81.8
GE 1000	77.1	81.4	81.5	81.7	81.8	81.9	82.0	82.1	82.1	82.1
GE 900	77.4	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 800	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 700	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 600	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 500	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 400	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 300	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 200	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3
GE 100	77.3	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3

TOTAL NUMBER OF OBSERVATIONS 900

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: SA		PERIOD OF RECORD: JUN 70 - MAY 84								
		MONTH: NOV HOURS: 12-14								
.....										
VISIBILITY IN STATUTE MILES										
1/2	3/4	1	1 1/2	1 1/4	3/4	1	1 1/2	1 1/4	3/4	1
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4		
.....										
45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
80.1	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
86.4	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
87.3	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
88.3	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
92.1	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
95.1	95.4	95.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
96.1	97.2	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
98.3	98.1	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
99.3	98.3	98.3	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7
99.9	99.3	99.9	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0
99.9	99.3	99.9	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0
.....										

OPERATING LOCATION: WAW
USAFPTAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE IN
EIGHT HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: COBBINS AFB GA
LST TO UTC: + 5

947
956

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	4
GE 20000	55.7	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	5
GE 18000	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	5
GE 16000	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	5
GE 14000	56.7	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57
GE 12000	58.6	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	5
GE 10000	61.2	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61
GE 9000	62.0	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62
GE 8000	64.1	64.4	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64
GE 7000	64.3	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65
GE 6000	64.3	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65
GE 5000	65.4	65.9	66.0	66.3	66.4	66.4	66.4	66.4	66.4	66
GE 4500	65.5	66.0	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66
GE 4000	68.3	69.5	69.7	70.0	70.2	70.2	70.2	70.4	70.4	70
GE 3500	71.3	72.1	72.2	72.7	72.9	72.9	72.9	73.1	73.1	73
GE 3000	73.5	74.9	75.4	75.9	75.4	75.5	75.5	75.9	75.9	75
GE 2500	75.4	77.0	77.8	78.3	79.0	79.1	79.5	79.8	79.8	79
GE 2000	77.5	79.7	80.8	81.4	82.1	82.2	82.7	83.0	83.0	83
GE 1800	78.0	80.2	81.3	82.0	82.7	82.8	83.2	83.5	83.5	83
GE 1600	79.9	82.4	84.0	84.8	85.6	85.7	86.1	86.4	86.4	86
GE 1400	81.3	84.1	85.6	87.0	87.9	88.0	88.4	88.8	88.8	88
GE 1200	81.3	84.1	85.6	87.0	87.9	88.0	88.4	88.8	88.8	88
GE 1000	81.3	84.1	85.6	87.0	87.9	88.0	88.4	88.8	88.8	88
GE 900	81.4	84.3	85.0	87.5	89.0	89.1	89.7	90.0	90.0	90
GE 800	81.5	84.7	85.3	88.1	89.6	89.6	90.3	90.9	90.9	91
GE 700	81.7	85.3	87.0	88.9	90.3	91.1	91.9	92.4	92.4	92
GE 600	81.9	85.3	87.4	90.1	92.1	92.7	93.3	94.3	94.3	94
GE 500	81.9	86.0	88.3	90.9	93.2	93.5	93.5	95.2	95.3	95
GE 400	81.9	86.0	88.3	90.9	93.2	93.9	95.0	96.3	97.1	97
GE 300	81.9	86.0	88.3	91.0	93.4	94.1	95.3	97.4	98.0	98
GE 200	81.9	86.0	88.3	91.0	93.4	94.1	95.4	97.8	98.3	98
GE 100	81.9	86.0	88.3	91.0	93.4	94.1	95.4	97.8	98.3	98
GE 000	81.9	86.0	88.3	91.0	93.4	94.1	95.4	97.8	98.3	98

TOTAL NUMBER OF OBSERVATIONS 900

1

9 - 2 - 92

PERIOD OF RECORD: JUN 78 - MAY 80
MONTH: NOV HOUR: 15-17

[illegible]

OPERATING LOCATION "A"
USAFCTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

722270
722270

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	53.5	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	59.3	59.1	59.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000	59.3	59.1	59.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 16000	59.3	59.1	59.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	59.3	59.7	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	51.6	51.9	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	54.3	55.0	55.3	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	55.1	55.0	55.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	57.5	58.9	59.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	57.8	59.2	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	58.3	59.8	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	59.1	70.5	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	59.4	70.9	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	71.4	73.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	73.0	74.5	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	74.7	75.6	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500	76.4	77.3	80.0	80.3	80.9	80.9	81.0	81.0	81.0	81.0
GE 2000	75.4	80.8	82.5	83.3	84.0	84.0	84.4	84.4	84.4	84.4
GE 1800	79.1	81.4	83.2	84.5	84.7	84.5	85.2	85.2	85.2	85.2
GE 1500	80.0	82.4	84.3	85.7	85.1	85.1	85.5	85.5	85.5	85.5
GE 1200	80.9	83.3	85.2	85.7	87.3	87.3	87.9	88.0	88.0	88.0
GE 1000	81.1	83.7	85.5	87.0	87.9	88.0	88.5	88.7	88.7	88.7
GE 900	81.2	83.9	85.3	87.4	88.5	88.3	88.4	88.5	88.5	88.5
GE 800	81.4	84.3	85.7	88.7	89.0	89.0	89.2	89.0	89.0	89.0
GE 700	81.5	84.5	87.0	89.2	89.5	89.3	91.4	91.5	91.5	91.5
GE 600	81.3	84.8	87.3	89.9	91.5	91.2	92.7	92.4	92.8	92.8
GE 500	81.0	85.1	88.3	91.0	92.2	93.0	94.2	94.4	94.4	94.4
GE 400	81.9	85.1	88.3	91.5	93.7	93.9	95.2	95.7	95.7	95.7
GE 300	81.0	85.1	88.5	91.9	94.5	94.8	95.3	97.2	97.2	97.2
GE 200	81.9	85.1	88.5	92.0	94.8	95.0	97.2	98.0	98.0	98.0
GE 100	81.9	85.1	88.5	92.0	94.3	95.0	97.2	98.1	98.1	98.1
GE 000	81.0	85.1	88.6	92.0	94.3	95.0	97.2	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 300

R

0 - 2 - 00

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AREA: GA		PERIOD OF RECORD: JUN 74 - MAY 85								
		MONTH: NOV HOURS: 18-20								
.....										
VISIBILITY IN STATUTE MILES										
	3/4	3/4	3/4	5/8	5/8	5/8	5/8	5/8	5/8	5/8
1/2	0	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
0.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
0.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
0.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
0.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
0.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
0.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
0.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
0.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
0.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
0.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
0.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
0.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
0.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
0.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
0.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.7	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
0.1	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7
0.3	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1
0.7	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8
0.3	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7
0.2	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
0.3	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7
0.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9
0.7	94.2	94.4	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7
0.7	95.2	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
0.7	95.3	97.2	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5
0.7	97.2	98.0	98.0	98.3	98.4	98.7	98.8	98.9	99.1	99.1
0.0	97.2	98.1	98.1	98.5	99.1	99.3	99.4	99.5	99.9	100.0
0.0	97.2	98.1	98.1	98.5	99.1	99.3	99.4	99.5	99.9	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	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
NO CEIL	54.3	54.7	55.7	56.1	56.4	56.4	56.6	56.6	56.6	56.6
GE 20000	59.3	60.1	61.2	61.7	62.0	62.0	62.1	62.1	62.1	62.1
GE 18000	59.3	60.1	61.2	61.7	62.0	62.0	62.1	62.1	62.1	62.1
GE 16000	59.3	60.1	61.2	61.7	62.0	62.0	62.1	62.1	62.1	62.1
GE 14000	59.3	60.1	61.2	61.7	62.0	62.0	62.1	62.1	62.1	62.1
GE 12000	59.9	60.7	61.3	62.2	62.5	62.6	62.7	62.7	62.7	62.7
GE 10000	61.7	62.7	63.3	64.3	64.7	64.7	64.8	64.8	64.8	64.8
GE 9000	62.0	63.2	64.5	65.0	65.3	65.3	65.4	65.4	65.4	65.4
GE 8000	63.1	65.0	66.6	67.0	67.3	67.3	67.4	67.4	67.4	67.4
GE 7000	64.3	65.3	67.3	67.8	68.1	68.1	68.2	68.2	68.2	68.2
GE 6000	64.5	66.0	67.6	68.0	68.3	68.3	68.4	68.4	68.4	68.4
GE 5000	65.7	67.4	69.2	69.7	70.3	70.3	70.4	70.4	70.4	70.4
GE 4500	66.0	67.8	69.6	70.0	70.7	70.7	70.8	70.8	70.8	70.8
GE 4000	69.2	71.0	73.1	73.5	74.2	74.2	74.3	74.3	74.3	74.3
GE 3500	70.3	72.5	75.1	75.6	76.2	76.2	76.3	76.3	76.3	76.3
GE 3000	71.7	74.2	76.7	77.3	78.0	78.0	78.1	78.1	78.1	78.1
GE 2500	72.7	75.3	78.1	78.5	79.3	79.3	79.4	79.4	79.4	79.4
GE 2000	75.0	78.3	81.1	81.5	82.3	82.3	82.4	82.4	82.4	82.4
GE 1800	75.7	79.0	81.5	82.2	83.0	83.0	83.2	83.2	83.2	83.2
GE 1500	75.7	80.0	82.3	83.3	84.2	84.2	84.7	84.7	84.7	84.7
GE 1200	77.0	80.7	83.3	84.5	85.7	85.8	86.3	86.3	86.3	86.3
GE 1000	77.7	81.5	85.0	85.0	87.3	87.4	88.1	88.1	88.1	88.1
GE 900	78.0	82.0	85.7	85.5	88.1	88.2	88.9	88.9	88.9	88.9
GE 800	78.0	82.1	85.0	87.1	88.4	88.5	89.2	89.2	89.2	89.2
GE 700	78.0	82.4	86.2	87.7	89.5	89.7	90.3	90.4	90.4	90.4
GE 600	78.1	82.3	86.3	88.3	91.1	91.2	92.0	92.1	92.1	92.1
GE 500	78.3	83.4	87.4	89.5	91.9	92.0	93.0	93.3	93.3	93.3
GE 400	78.3	83.4	87.7	90.3	92.8	92.9	94.0	94.3	94.3	94.3
GE 300	78.3	83.4	87.7	90.4	93.6	93.7	95.0	95.9	95.9	95.9
GE 200	78.3	83.4	87.8	90.9	94.3	94.5	95.1	97.3	97.4	97.4
GE 100	78.3	83.4	87.8	90.9	94.3	94.6	95.3	97.3	97.9	97.9
GE 000	78.3	83.4	87.8	90.9	94.3	94.5	95.3	97.3	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 300

f

7 - 2 - 74

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ARL 64

PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: NOV HOURS: 21-23

.....
VISIBILITY IN STATUTE MILES

	SE 1/2	SE 2	SE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 3/8	SE 1/4	SE 0
64.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
89.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
90.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
92.2	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
93.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
95.7	95.0	95.9	95.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
96.5	96.1	97.3	97.4	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6
96.6	96.3	97.8	97.9	96.6	99.1	99.1	99.6	99.6	99.6	99.7	99.7
99.5	99.3	97.8	97.7	98.6	99.1	99.1	99.6	99.6	99.6	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

DATE
MONTH

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.9	47.5	43.5	49.0	49.1	49.1	49.2	49.2	49.2	49.2
GE 20000	51.5	53.4	54.7	55.2	55.4	55.4	55.5	55.5	55.6	55.6
GE 18000	51.3	53.6	54.9	55.4	55.5	55.7	55.7	55.7	55.8	55.8
GE 16000	51.3	53.7	54.9	55.5	55.7	55.7	55.8	55.8	55.8	55.8
GE 14000	52.1	54.0	55.3	55.8	56.0	56.0	56.1	56.1	56.2	56.2
GE 12000	53.3	55.2	56.4	57.0	57.2	57.2	57.3	57.3	57.3	57.3
GE 10000	55.3	57.3	59.7	59.9	59.4	59.5	59.5	59.6	59.6	59.6
GE 9000	55.3	57.0	59.3	59.9	60.2	60.2	60.3	60.3	60.4	60.4
GE 8000	57.3	59.2	61.5	62.3	62.7	62.7	62.8	62.9	62.9	62.9
GE 7000	58.2	60.7	62.2	62.5	63.2	63.3	63.4	63.4	63.4	63.4
GE 6000	58.4	60.8	62.3	63.0	63.4	63.4	63.5	63.5	63.5	63.5
GE 5000	59.4	61.9	63.5	64.2	64.7	64.7	64.9	64.9	64.9	64.9
GE 4500	59.3	62.4	64.0	64.8	65.2	65.3	65.4	65.5	65.5	65.5
GE 4000	51.7	64.3	65.1	66.9	67.4	67.5	67.5	67.7	67.7	67.7
GE 3500	62.9	65.7	67.5	68.5	69.0	69.1	69.2	69.3	69.3	69.3
GE 3000	64.3	67.9	70.0	71.0	71.6	71.7	71.9	72.0	72.1	72.1
GE 2500	66.3	69.6	71.7	72.8	73.5	73.6	73.9	74.1	74.1	74.1
GE 2000	68.7	72.4	74.5	75.9	76.7	76.9	77.2	77.4	77.4	77.4
GE 1800	69.3	73.0	75.3	76.5	77.5	77.5	78.0	78.2	78.2	78.2
GE 1600	70.9	74.3	77.5	78.9	79.9	80.0	80.5	80.5	80.7	80.7
GE 1200	72.2	75.4	79.3	81.0	82.2	82.3	82.9	83.1	83.1	83.1
GE 1000	72.3	77.3	80.3	82.1	83.5	83.7	84.2	84.5	84.5	84.5
GE 900	73.2	77.5	80.9	83.0	84.4	84.5	85.3	85.5	85.5	85.5
GE 800	73.5	78.2	81.6	83.9	85.5	85.8	86.5	86.9	86.9	86.9
GE 700	73.7	78.9	82.4	84.9	87.0	87.3	88.3	88.6	88.6	88.6
GE 600	74.0	79.3	83.2	86.2	88.5	88.9	90.1	90.5	90.5	90.5
GE 500	74.2	79.7	84.0	87.4	90.1	90.5	92.1	92.6	92.6	92.6
GE 400	74.2	79.8	84.2	88.3	91.2	91.5	93.7	94.5	94.5	94.5
GE 300	74.3	79.9	84.4	88.5	92.0	92.5	94.5	95.0	95.3	95.3
GE 200	74.3	79.9	84.4	88.5	92.3	92.3	95.2	95.9	97.3	97.3
GE 100	74.3	79.9	84.4	88.6	92.3	92.9	95.4	97.1	97.5	97.5
GE 000	74.3	79.9	84.4	88.6	92.3	92.9	95.4	97.1	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 6529

4

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

FA 6A

PERIOD OF RECORD: JUN 74 - MAY 86
MONTH: NOV HOURS: ALL

.....
LITY IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE)
1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3
2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
3	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
5	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
8	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
9	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
10	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
11	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
12	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
13	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
14	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
15	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
16	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
17	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
18	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
19	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
20	80.5	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
21	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
22	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7
23	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7
24	85.5	85.9	86.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1
25	88.3	88.6	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8
26	90.1	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.5	90.8
27	92.1	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0
28	93.7	94.5	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1
29	94.5	95.0	95.3	95.3	95.5	95.9	97.0	97.0	97.0	97.1
30	95.2	95.9	97.3	98.0	98.3	98.4	98.5	98.8	98.9	98.9
31	95.4	97.1	97.5	98.4	98.8	98.9	99.3	99.5	99.7	99.8
32	95.4	97.1	97.5	98.4	98.8	98.9	99.4	99.5	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE AT
FROM JULY 1959-1960

STATION NUMBER: 722270

STATION NAME: COBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 20000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 18000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 12000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 9000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 8000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 7000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 6000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 5000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 4500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 4000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 3500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 3000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 2500	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 4

PERIOD OF RECORD: JUL 76 - MAY 80
MONTH: DEC HQJRS: 00-02

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

[illegible]

OPERATING LOCATION "AW"
USAFHAG, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM BUOY OBSERVATIONS

STATION NUMBER: 722770

STATION NAME: JOHNS ISLAND GA
LST TO UTC: + 5

0-1
0-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 8	GE 9	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.2	50.2	50.6	51.7	52.6	52.6	53.4	53.4	53.4	53.4
GE 20000	52.2	54.3	54.7	55.9	56.7	56.7	57.5	57.5	57.5	57.5
GE 18000	52.2	54.3	54.7	55.9	56.7	56.7	57.5	57.5	57.5	57.5
GE 16000	52.2	54.3	54.7	55.9	56.7	56.7	57.5	57.5	57.5	57.5
GE 14000	52.2	54.3	54.7	55.9	56.7	56.7	57.5	57.5	57.5	57.5
GE 12000	52.2	54.3	54.7	55.9	56.7	56.7	57.5	57.5	57.5	57.5
GE 10000	53.0	55.1	55.5	57.1	57.7	57.7	58.7	58.7	58.7	58.7
GE 9000	53.0	55.5	55.9	57.5	58.3	58.3	59.1	59.1	59.1	59.1
GE 8000	54.3	57.5	57.9	59.5	60.3	60.3	61.1	61.1	61.1	61.1
GE 7000	54.3	57.5	57.9	59.5	60.3	60.3	61.1	61.1	61.1	61.1
GE 6000	55.9	59.1	59.5	61.1	61.9	61.9	62.6	62.6	62.6	62.6
GE 5000	58.7	61.9	62.3	64.0	64.8	64.8	65.5	65.5	65.5	65.5
GE 4500	58.7	63.5	64.0	65.5	66.3	66.3	67.2	67.2	67.2	67.2
GE 4000	58.7	65.2	65.6	67.2	68.0	68.0	68.8	68.8	68.8	68.8
GE 3500	58.7	65.0	65.4	68.0	68.8	68.8	69.6	69.6	69.6	69.6
GE 3000	64.4	68.0	68.4	70.3	70.9	70.9	71.7	71.7	71.7	71.7
GE 2500	65.2	68.2	68.6	71.3	72.1	72.1	72.9	72.9	72.9	72.9
GE 2000	67.5	71.3	72.1	73.7	74.5	74.5	75.3	75.3	75.3	75.3
GE 1800	67.5	72.1	72.9	74.5	75.3	75.3	76.1	76.1	76.1	76.1
GE 1600	67.5	72.1	72.9	74.5	75.3	75.3	76.1	76.1	76.1	76.1
GE 1400	70.9	74.9	75.7	77.3	78.1	78.1	78.9	78.9	78.9	78.9
GE 1200	71.3	75.3	75.1	77.7	78.9	78.9	79.7	79.7	79.7	79.7
GE 1000	72.5	75.9	77.7	79.4	80.5	80.5	81.3	81.3	81.3	81.3
GE 900	72.5	75.9	77.7	79.4	81.4	81.4	83.0	83.0	83.0	83.0
GE 800	72.5	75.9	77.7	80.2	81.3	81.3	83.4	83.4	83.4	83.4
GE 700	72.5	77.3	78.5	81.0	82.5	82.5	84.2	84.2	84.2	84.2
GE 600	72.5	77.3	78.3	83.0	84.5	84.5	85.6	85.6	85.6	85.6
GE 500	72.5	77.7	80.2	84.2	85.3	85.3	87.1	87.1	87.1	87.1
GE 400	72.5	78.1	80.5	85.4	87.0	87.0	89.3	89.3	89.3	89.3
GE 300	72.5	78.1	80.5	85.4	87.9	87.9	91.5	92.3	92.3	92.3
GE 200	72.5	78.5	81.0	86.2	89.1	89.9	92.7	94.3	94.7	94.7
GE 100	72.5	78.5	81.0	86.2	89.1	89.9	92.7	94.7	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 247

PERIOD: JUN 73 - MAY 74
MONTH: DEC 1973: 13-75

1 - 2 - 27

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: STEVENS AFB GA
LST TO UTC: + 5

4-1
401

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	5- 7	5- 9	5- 5	5- 4	5- 3	5- 2 1/2	5- 2	5- 1 1/2	5- 1 1/4	5- 1
NO CEIL	42.7	44.9	45.1	47.0	47.7	47.7	47.3	43.0	43.1	41.1
50 2000	47.4	49.4	50.3	51.7	52.5	52.5	52.5	52.3	52.3	52.1
50 1800	47.4	49.4	50.3	51.7	52.5	52.5	52.5	52.3	52.3	52.1
50 1600	47.4	49.4	50.3	51.7	52.5	52.5	52.5	52.3	52.3	52.1
50 1400	47.4	49.4	50.3	51.7	52.5	52.5	52.5	52.3	52.3	52.1
50 1200	47.5	49.7	51.0	51.7	52.3	52.3	52.9	53.0	53.0	53.1
50 1000	49.5	51.7	53.3	54.0	55.0	55.0	55.1	55.2	55.2	55.1
50 900	49.5	51.7	53.3	54.2	55.2	55.2	55.4	55.5	55.5	55.1
50 800	51.3	53.5	55.5	55.5	57.4	57.4	57.5	57.7	57.7	57.1
50 700	52.0	54.4	56.2	57.2	58.3	58.3	58.4	58.5	58.5	58.1
50 600	52.5	54.9	56.7	57.7	58.9	58.9	59.0	59.2	59.2	58.1
50 500	55.1	57.4	59.4	60.3	61.7	61.7	61.3	62.2	62.7	62.1
50 450	57.4	59.2	60.1	61.1	62.5	62.5	62.5	62.7	62.7	62.1
50 400	58.1	59.5	62.5	63.5	64.7	64.7	64.1	64.2	64.2	63.1
50 350	59.4	61.9	63.5	64.9	66.3	66.3	66.4	66.5	66.5	65.1
50 300	60.9	63.5	65.5	65.7	68.4	68.4	68.5	68.6	68.6	67.1
50 250	61.9	64.7	67.0	68.3	70.0	70.0	70.1	70.2	70.2	70.1
50 200	63.5	67.2	69.2	71.2	73.2	73.2	73.4	73.5	73.5	71.1
50 180	64.2	67.5	70.2	71.5	73.5	73.5	73.3	73.7	73.3	74.1
50 160	66.3	69.7	72.5	73.7	75.0	75.0	75.3	75.4	75.4	74.1
50 140	67.7	71.3	74.2	75.5	77.9	77.9	78.1	78.2	78.2	77.1
50 120	68.9	72.7	75.5	77.2	79.5	79.5	79.7	79.3	79.3	78.1
50 100	70.1	74.2	77.2	78.3	81.3	81.4	81.9	82.0	82.0	81.1
50 90	70.5	74.8	77.7	79.7	82.5	82.7	83.1	83.3	83.3	83.1
50 80	70.5	75.0	78.2	80.2	83.0	83.1	83.9	84.0	84.0	84.1
50 70	70.3	75.5	79.1	81.3	84.1	84.5	85.4	85.5	85.5	85.1
50 60	70.3	75.0	79.6	81.9	85.1	85.9	85.3	87.0	87.0	87.1
50 50	70.3	75.1	80.0	82.4	85.2	87.0	87.4	88.7	88.7	89.1
50 40	70.3	75.3	80.1	82.7	87.2	87.9	89.5	90.9	91.0	92.1
50 30	70.3	75.4	80.3	83.1	88.3	89.1	91.3	93.5	93.5	95.1
50 20	70.3	75.4	80.3	83.1	88.3	89.2	91.4	93.7	94.0	95.1
50 10	70.3	75.4	80.3	83.1	88.3	89.2	91.4	93.7	94.0	95.1

TOTAL NUMBER OF OBSERVATIONS 513

1. FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFB GA

PERIOD OF RECORD: JUN 74 - MAY 85

MONTH: DEC HOURS: 06-08

.....										
VISIBILITY IN STATUTE MILES										
CEILING	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
0.7	47.3	48.0	48.0	48.1	48.1	48.3	48.5	48.5	48.5	48.5
1.0	52.5	52.8	52.8	52.9	52.9	53.1	53.3	53.3	53.3	53.3
1.3	52.5	52.8	52.8	52.9	52.9	53.1	53.3	53.3	53.3	53.3
1.6	52.5	52.8	52.8	52.9	52.9	53.1	53.3	53.3	53.3	53.3
1.9	52.5	52.8	52.8	52.9	52.9	53.1	53.3	53.3	53.3	53.3
2.2	52.9	53.0	53.0	53.1	53.1	53.4	53.5	53.5	53.5	53.5
2.5	55.1	55.2	55.2	55.4	55.4	55.5	55.7	55.7	55.7	55.7
2.8	55.4	55.5	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9
3.1	57.5	57.7	57.7	57.8	57.8	58.1	58.2	58.2	58.2	58.2
3.4	58.4	58.5	58.5	58.7	58.7	58.9	59.0	59.0	59.0	59.0
3.7	59.2	59.2	59.2	59.3	59.3	59.5	59.7	59.7	59.7	59.7
4.0	61.3	62.0	62.0	62.1	62.1	62.4	62.5	62.5	62.5	62.5
4.3	62.5	62.7	62.7	62.9	62.9	63.1	63.2	63.2	63.2	63.2
4.6	65.1	65.2	65.2	65.4	65.4	65.7	65.8	65.8	65.8	65.8
4.9	65.4	65.5	65.5	65.8	65.9	67.0	67.2	67.2	67.2	67.2
5.2	68.3	68.6	68.6	68.9	68.9	69.1	69.2	69.2	69.2	69.2
5.5	70.1	70.2	70.2	70.5	70.5	70.7	70.8	70.8	70.8	70.8
5.8	73.4	73.5	73.5	73.8	73.8	74.0	74.2	74.2	74.2	74.2
6.1	73.3	73.9	73.9	74.2	74.2	74.4	74.5	74.5	74.5	74.5
6.4	75.3	75.4	75.4	75.5	75.5	75.7	77.0	77.0	77.0	77.0
6.7	75.1	75.2	75.2	75.5	75.5	75.7	75.8	75.8	75.8	75.8
7.0	79.7	79.8	79.8	80.1	80.1	80.3	80.4	80.4	80.4	80.4
7.3	81.9	82.0	82.0	82.3	82.3	82.5	82.7	82.7	82.7	82.7
7.6	83.1	83.3	83.3	83.5	83.5	83.8	83.9	83.9	84.0	84.0
7.9	83.9	84.0	84.0	84.4	84.4	84.6	84.7	84.7	84.9	84.9
8.2	85.4	85.5	85.5	85.1	85.1	85.3	85.5	85.5	85.5	85.5
8.5	86.3	87.0	87.0	87.7	87.7	87.9	88.2	88.2	88.3	88.3
8.8	87.4	88.7	88.8	89.5	89.7	90.0	90.4	90.4	90.5	90.5
9.1	89.5	90.9	91.0	92.1	92.5	92.9	93.4	93.4	93.5	93.5
9.4	91.3	93.5	93.5	95.2	95.9	96.3	96.8	96.9	97.5	97.5
9.7	91.4	93.7	94.0	95.5	95.4	95.3	97.7	98.2	98.0	99.6
10.0	91.4	93.7	94.0	95.5	95.4	95.8	97.7	98.2	98.9	100.0
.....										

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE IN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA

2.5

LST TO UTC: + 5

434

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
NO CEIL	41.2	43.5	44.4	45.4	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	46.7	49.3	50.3	51.5	51.7	51.9	51.9	51.9	51.9	51.9
GE 18000	45.9	49.4	50.4	51.7	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	46.7	49.4	50.4	51.7	52.0	52.0	52.0	52.0	52.0	52.0
GE 14000	47.0	49.5	50.7	51.9	52.3	52.3	52.3	52.3	52.3	52.3
GE 12000	48.0	50.6	51.7	52.9	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	50.4	53.0	54.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000	50.6	53.1	54.2	55.5	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	52.3	55.1	56.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	53.3	56.7	57.3	59.0	59.4	59.4	59.4	59.4	59.4	59.4
GE 6000	54.5	57.4	58.5	59.4	60.1	60.3	60.5	60.6	60.6	60.6
GE 5000	56.4	59.9	61.0	62.4	62.7	62.9	63.2	63.2	63.2	63.2
GE 4500	57.3	60.8	61.9	63.2	63.6	63.7	64.1	64.1	64.1	64.1
GE 4000	59.3	62.7	64.0	65.3	65.3	65.7	66.3	66.3	66.3	66.3
GE 3500	60.5	64.0	65.2	66.5	67.0	67.2	67.5	67.5	67.5	67.5
GE 3000	61.7	65.3	66.7	68.1	68.5	68.8	69.1	69.1	69.1	69.1
GE 2500	63.7	67.3	69.2	70.7	71.2	71.3	71.7	71.7	71.7	71.7
GE 2000	65.4	69.4	71.3	72.9	73.6	73.8	74.2	74.2	74.2	74.2
GE 1800	66.1	69.6	71.6	73.2	73.8	74.0	74.4	74.4	74.4	74.4
GE 1500	67.9	71.6	73.6	75.2	75.9	76.4	76.8	76.8	76.8	76.8
GE 1200	69.5	73.3	75.4	77.0	77.7	78.2	78.6	78.6	78.6	78.6
GE 1000	70.1	73.9	76.0	78.1	79.0	79.5	79.8	79.8	79.8	79.8
GE 900	70.2	74.5	76.6	78.7	79.6	80.2	80.7	80.7	80.7	80.7
GE 800	70.5	75.5	77.7	80.0	80.9	81.7	82.2	82.2	82.2	82.2
GE 700	70.6	76.1	78.3	81.4	82.5	83.3	84.4	84.4	84.4	84.4
GE 600	70.8	76.5	79.3	81.9	83.3	84.6	85.2	85.5	85.5	85.5
GE 500	70.8	76.6	79.3	82.3	85.0	86.5	88.2	88.6	88.7	88.7
GE 400	70.8	76.6	80.0	83.1	85.9	87.5	89.9	90.9	91.0	91.0
GE 300	70.8	76.6	80.0	83.6	86.7	88.3	90.9	92.3	92.5	92.5
GE 200	70.8	76.6	80.0	83.6	86.7	88.3	91.0	93.0	93.4	93.4
GE 100	70.8	76.6	80.0	83.6	86.7	88.3	91.0	93.0	93.4	93.4
GE 000	70.8	76.6	80.0	83.6	86.7	88.3	91.0	93.0	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS 313

4

0 - 2 - 99

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

443 GA PERIOD OF RECORD: JUN 76 - MAY 68
MONTH: DEC HOURS: 09-11

CEILING IN STATUTE MILES	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
45.3	45.8	45.8	45.8	45.3	45.9	45.0	45.0	45.0	45.0	46.1
51.9	51.9	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.3
52.0	52.0	52.0	52.0	52.0	52.2	52.3	52.3	52.3	52.3	52.4
52.0	52.0	52.0	52.0	52.0	52.2	52.3	52.3	52.3	52.3	52.4
52.3	52.3	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.6
53.3	53.3	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.6
55.1	55.1	55.1	55.1	55.1	56.2	56.3	56.3	56.3	56.3	56.5
56.2	56.2	56.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.6
56.2	56.2	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.5
59.3	59.3	59.3	59.3	59.3	59.9	60.0	60.0	60.0	60.0	60.1
60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	60.9	61.0
63.2	63.2	63.2	63.2	63.2	63.3	63.5	63.5	63.5	63.5	63.6
64.1	64.1	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.5
65.3	65.3	65.3	65.3	65.3	66.4	66.5	66.5	66.5	66.5	66.7
67.5	67.5	67.5	67.5	67.5	67.7	67.8	67.8	67.8	67.8	67.9
69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.5
71.7	71.7	71.7	71.7	71.7	71.8	72.0	72.0	72.0	72.0	72.1
74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.5
74.4	74.4	74.4	74.4	74.4	74.5	74.7	74.7	74.7	74.7	74.8
76.3	76.3	76.3	76.3	76.3	76.9	77.0	77.0	77.0	77.0	77.1
78.6	78.6	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	79.0
79.5	79.5	79.5	79.5	79.5	80.0	80.1	80.1	80.1	80.1	80.2
80.7	80.7	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.1
82.2	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.5
84.4	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7
85.2	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.9
88.2	88.6	88.7	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4
90.9	90.9	91.0	91.5	91.8	91.9	91.9	91.9	91.9	91.9	92.0
92.9	92.3	92.5	93.7	94.8	95.0	95.1	95.1	95.1	95.2	95.3
91.0	93.0	93.4	95.0	96.6	96.8	97.2	97.5	98.0	98.6	99.6
91.0	93.0	93.4	95.0	96.6	96.9	97.4	97.9	98.5	99.6	
91.0	93.0	93.4	95.0	96.6	96.9	97.4	97.9	98.5	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	46.4	47.0	47.4	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	55.0	55.2	55.5	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	55.2	55.1	55.7	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	55.2	55.1	55.7	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	55.6	55.6	57.1	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	55.6	57.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	58.0	59.9	60.5	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	58.3	59.9	60.5	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	60.6	61.7	62.4	62.6	62.6	62.7	62.7	62.7	62.7
GE 7000	62.2	63.3	64.0	64.2	64.2	64.3	64.3	64.3	64.3
GE 6000	63.1	64.2	64.8	65.1	65.1	65.2	65.2	65.2	65.2
GE 5000	64.3	65.4	65.1	65.3	65.5	65.7	65.7	65.7	65.7
GE 4500	65.4	65.5	67.2	67.4	67.7	67.8	67.8	67.8	67.8
GE 4000	67.3	68.4	69.0	69.2	69.5	69.5	69.5	69.5	69.5
GE 3500	69.6	70.7	71.3	71.6	71.8	72.0	72.0	72.0	72.0
GE 3000	70.3	72.1	72.5	73.1	73.4	73.6	73.6	73.6	73.6
GE 2500	74.4	75.0	75.3	77.0	77.4	77.5	77.5	77.5	77.5
GE 2000	75.0	77.0	78.7	79.1	79.5	79.7	79.8	79.8	79.8
GE 1800	75.3	78.5	79.3	79.7	80.2	80.4	80.5	80.5	80.5
GE 1600	79.0	81.3	82.2	82.5	83.0	83.4	83.5	83.5	83.5
GE 1400	80.2	82.8	83.9	84.3	84.9	85.4	85.5	85.5	85.5
GE 1200	80.7	83.3	84.5	85.1	85.7	86.2	86.3	86.3	86.3
GE 1000	81.4	84.1	85.5	86.3	87.1	87.3	87.9	87.9	87.9
GE 900	81.5	84.4	86.1	87.1	88.1	89.1	89.2	89.3	89.4
GE 800	81.8	84.7	86.7	88.1	89.1	90.4	90.5	90.7	90.8
GE 700	81.3	84.7	86.7	88.2	89.7	92.1	92.3	92.4	92.5
GE 600	81.9	84.9	87.0	89.2	91.1	92.9	93.1	93.2	93.4
GE 500	82.2	85.2	87.5	89.3	92.0	93.3	94.5	95.4	95.7
GE 400	82.3	85.4	87.7	90.2	92.7	94.5	95.7	96.4	96.7
GE 300	82.3	85.4	87.7	90.2	92.7	94.5	95.1	96.9	97.4
GE 200	82.3	85.4	87.7	90.2	92.7	94.5	95.1	96.9	97.4
GE 100	82.3	85.4	87.7	90.2	92.7	94.5	95.1	96.9	97.4
GE 000	82.3	85.4	87.7	90.2	92.7	94.5	95.1	96.9	97.4

TOTAL NUMBER OF OBSERVATIONS 813

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB SA

PERIOD OF RECORD: JUN 73 - MAY 84

MONTH: DEC HOURS: 12-14

.....										
VISIBILITY IN STATUTE MILES										
FEET	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
6	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1	89.4	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
4	90.8	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
3	95.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0	96.7	96.4	96.7	97.0	97.3	97.3	97.3	97.3	97.4	97.4
6	98.1	96.9	97.4	98.2	98.3	98.3	99.3	99.5	99.9	99.9
3	98.1	96.9	97.4	98.2	98.3	98.3	99.3	99.5	99.9	100.0
0	98.1	96.9	97.4	98.2	98.3	98.3	99.3	99.5	99.9	100.0
.....										

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	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
NO CEIL	48.3	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	58.1	59.0	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	58.3	59.3	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	58.3	59.8	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	58.9	59.7	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	59.5	60.5	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	62.1	63.2	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	62.5	63.6	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	65.2	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	67.2	68.3	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	67.4	68.5	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	69.4	70.5	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	70.1	71.2	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	72.3	73.9	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	74.4	75.5	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	77.2	78.5	79.3	79.2	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	80.1	81.3	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	83.1	84.5	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	83.3	84.7	85.1	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	83.9	85.4	85.7	86.2	86.5	86.6	86.6	86.6	86.6	86.6
GE 1200	84.1	85.6	86.1	86.5	86.8	87.0	87.3	87.5	87.5	87.5
GE 1000	84.9	86.5	87.2	87.3	88.1	88.3	88.7	88.9	88.9	88.9
GE 900	85.1	87.1	87.4	88.6	88.9	89.2	89.7	89.9	89.9	89.9
GE 800	85.1	87.2	88.1	88.3	89.2	89.5	90.0	90.3	90.3	90.3
GE 700	85.2	87.3	88.3	89.7	90.3	90.9	91.5	91.9	91.9	92.0
GE 600	85.5	87.7	88.7	90.4	91.1	91.5	92.5	93.0	93.0	93.0
GE 500	85.5	87.7	88.7	90.5	91.3	92.0	92.9	93.7	93.7	94.0
GE 400	85.7	88.1	89.2	91.7	93.2	94.0	95.4	96.6	96.7	97.0
GE 300	85.7	88.1	89.2	91.9	93.7	94.5	95.9	97.4	97.5	98.0
GE 200	85.7	88.1	89.2	91.9	93.7	94.5	95.9	97.4	97.5	98.0
GE 100	85.7	88.1	89.2	91.9	93.7	94.5	95.9	97.4	97.5	98.0
GE 000	85.7	88.1	89.2	91.9	93.7	94.5	95.9	97.4	97.5	98.0

TOTAL NUMBER OF OBSERVATIONS 813

†

3 - 2 - 101

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

A-5 GA		PERIOD OF RECORD: JUN 78 - MAY 83								
		MONTH: DEC HOURS: 15-17								
.....										
VISIBILITY IN STATUTE MILES										
1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.....										
0.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
0.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
0.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
0.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
0.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
0.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
0.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
0.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
0.2	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
0.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
0.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
0.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
0.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
0.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
0.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
0.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
0.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.2	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.2	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0.3	92.5	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
0.2	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0.2	95.4	95.5	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
0.3	95.9	97.4	97.5	98.4	98.6	98.8	98.8	98.9	98.9	98.9
0.4	95.9	97.4	97.5	98.4	98.6	98.8	99.0	99.1	99.5	99.5
0.5	95.4	97.4	97.5	98.5	98.9	99.0	99.3	99.4	99.8	100.0
0.5	95.9	97.4	97.5	98.6	98.9	99.0	99.3	99.4	99.8	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH:

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
NO CEIL	54.2	54.6	54.6	54.7	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	51.3	51.7	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	51.3	51.7	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6
GE 16000	51.3	51.7	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000	52.0	52.5	52.6	52.7	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	52.7	53.2	53.3	53.5	54.1	54.1	54.1	54.1	54.1	54.1
GE 10000	54.5	55.1	55.2	55.3	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	54.7	55.2	55.3	55.4	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	54.4	54.9	55.0	55.1	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	70.0	70.5	70.6	70.7	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	70.2	70.7	70.8	71.1	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	72.3	72.8	73.2	73.4	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	73.4	74.0	74.4	74.5	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	75.4	75.1	75.9	77.2	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	75.5	77.2	75.0	78.4	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	73.3	79.5	80.3	80.8	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	80.3	81.1	81.9	82.5	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	82.5	83.5	84.4	85.0	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	82.0	83.9	84.7	85.4	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	83.4	84.5	85.4	85.0	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	83.3	85.0	85.1	85.3	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	84.1	85.4	85.5	87.2	88.1	88.1	88.2	88.2	88.2	88.2
GE 900	84.4	85.7	87.0	88.1	88.2	88.2	89.2	89.2	89.2	89.2
GE 800	84.7	86.3	87.5	88.9	89.9	89.9	90.2	90.2	90.2	90.2
GE 700	84.9	86.5	88.1	89.3	90.9	90.9	91.1	91.1	91.1	91.1
GE 600	84.9	86.3	88.4	90.3	91.4	91.4	91.8	91.9	91.9	91.9
GE 500	84.9	86.5	88.4	90.4	91.5	91.5	92.5	93.1	93.1	93.1
GE 400	84.9	87.0	88.5	91.1	93.1	93.2	94.5	95.7	95.7	95.7
GE 300	84.9	87.0	88.6	91.1	93.4	93.5	95.2	96.3	96.3	97.4
GE 200	84.9	87.0	88.5	91.1	93.4	93.5	95.3	96.9	97.3	97.3
GE 100	84.9	87.0	88.5	91.1	93.4	93.5	95.3	96.9	97.3	97.3
GE 000	84.9	87.0	88.5	91.1	93.4	93.5	95.3	96.9	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 813

F

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

LAKE GA

PERIOD OF RECORD: JUN 75 - MAY 85
MONTH: DEC HOURS: 18-20

.....
VISIBILITY IN STATUTE MILES

0	GE 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
92.5	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
94.5	94.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
96.2	96.2	96.8	96.8	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8
96.3	96.3	96.9	97.3	97.9	98.3	98.3	98.3	98.4	98.8	98.8	98.9
96.3	96.3	96.9	97.3	97.9	98.4	98.4	98.4	98.5	98.9	98.9	99.1
96.3	96.3	96.9	97.3	97.9	98.4	98.4	98.4	98.6	99.0	99.1	100.0
.....											

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PC: 1
MM: 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
NO CEIL	58.1	58.4	58.8	58.9	59.3	59.4	59.5	59.7	59.7	59.7
GE 20000	62.7	63.2	63.6	63.7	64.1	64.2	64.3	64.5	64.5	64.5
GE 13000	62.7	63.2	63.6	63.7	64.1	64.2	64.3	64.5	64.5	64.5
GE 16000	62.7	63.2	63.6	63.7	64.1	64.2	64.3	64.5	64.5	64.5
GE 14000	63.5	64.0	64.3	64.5	64.3	64.9	65.1	65.2	65.2	65.2
GE 12000	64.3	64.6	65.2	65.3	65.7	65.8	65.9	66.1	66.1	66.1
GE 10000	66.4	66.9	67.3	67.4	67.3	67.9	68.0	68.1	68.1	68.1
GE 9000	66.9	67.4	67.3	67.7	68.3	68.4	68.5	68.6	68.6	68.6
GE 8000	69.2	69.7	70.2	70.6	70.6	71.0	71.1	71.2	71.2	71.2
GE 7000	70.5	71.0	71.6	71.4	72.2	72.3	72.4	72.6	72.6	72.6
GE 6000	70.5	71.0	71.6	72.0	72.5	72.7	72.8	72.9	72.9	72.9
GE 5000	71.6	72.3	73.2	73.7	74.3	74.4	74.5	74.7	74.7	74.7
GE 4500	72.5	73.1	73.9	74.5	75.2	75.3	75.4	75.5	75.5	75.5
GE 4000	74.2	74.8	75.6	76.3	76.9	77.0	77.1	77.2	77.2	77.2
GE 3500	74.9	75.5	76.4	77.0	77.6	77.7	77.7	78.0	78.0	78.0
GE 3000	76.4	77.2	78.4	79.1	79.7	79.9	80.0	80.1	80.1	80.1
GE 2500	77.5	78.7	80.1	80.8	81.4	81.5	81.7	81.8	81.8	81.8
GE 2000	78.5	80.2	81.7	82.4	83.0	83.1	83.3	83.4	83.4	83.4
GE 1800	79.3	81.3	82.8	83.5	84.1	84.3	84.4	84.5	84.5	84.5
GE 1600	80.3	82.5	84.3	85.1	85.7	85.9	86.0	86.1	86.1	86.1
GE 1200	81.1	83.3	85.6	86.8	87.6	87.6	87.7	87.8	87.8	87.8
GE 1000	82.0	84.7	86.7	87.6	88.5	88.7	88.8	88.9	88.9	88.9
GE 900	82.5	85.2	87.2	88.2	89.3	89.4	89.5	89.7	89.7	89.7
GE 800	82.7	85.4	87.5	88.4	89.9	90.0	90.2	90.3	90.3	90.3
GE 700	83.0	85.7	87.9	89.4	91.3	91.4	91.5	91.6	91.6	91.6
GE 600	83.0	85.9	88.1	89.9	92.0	92.1	92.4	92.5	92.5	92.5
GE 500	83.0	86.0	88.4	90.7	93.0	93.1	93.4	93.7	93.7	93.7
GE 400	83.1	86.5	88.7	91.4	94.1	94.2	95.0	95.3	95.3	95.3
GE 300	83.1	86.5	89.1	91.6	94.5	94.4	95.2	95.6	95.6	95.6
GE 200	83.1	86.5	89.1	91.6	94.6	95.0	95.3	97.2	97.3	97.3
GE 100	83.1	86.5	89.1	91.6	94.6	95.0	95.3	97.2	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 313

4

0 - 2 - 103

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ABQ GA

PERIOD OF RECORD: JUN 76 - MAY 83
MONTH: DEC HOURS: 21-23

.....										
VISIBILITY IN STATUTE MILES										
2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.....										
57.5	59.7	59.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
55.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
53.0	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
53.5	53.6	53.6	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
72.5	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
74.5	74.7	74.7	74.3	74.5	74.3	74.3	74.3	74.3	74.3	74.3
75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
81.7	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.7	87.3	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
89.5	89.9	89.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
89.5	89.7	89.7	89.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
91.5	91.5	91.5	91.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
93.4	93.7	93.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.2	95.6	95.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
95.3	97.2	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.3
96.3	97.2	97.3	98.0	98.4	98.5	98.6	98.3	98.3	98.3	99.1
96.3	97.2	97.3	98.0	98.4	98.5	98.5	98.9	98.9	98.9	100.0
.....										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

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
NO CEIL	43.6	42.6	50.1	50.6	51.0	51.0	51.1	51.1	51.1
GE 20000	55.0	55.3	55.9	57.4	57.5	57.7	57.9	58.0	58.2
GE 18000	55.2	55.5	57.1	57.5	58.0	58.0	58.1	58.2	58.2
GE 16000	55.2	55.5	57.1	57.6	58.0	58.0	58.1	58.2	58.2
GE 14000	55.5	55.3	57.5	58.0	58.4	58.4	58.5	58.5	58.5
GE 12000	55.2	57.5	58.2	58.7	59.1	59.1	59.2	59.2	59.2
GE 10000	58.4	59.7	60.4	60.9	61.3	61.4	61.5	61.5	61.5
GE 9000	58.5	59.9	60.5	61.1	61.5	61.5	61.7	61.8	61.8
GE 8000	60.3	62.3	63.0	63.4	64.0	64.1	64.2	64.3	64.3
GE 7000	62.2	63.7	64.5	65.0	65.5	65.5	65.6	65.7	65.7
GE 6000	62.7	64.2	64.9	65.5	66.0	66.1	66.2	66.3	66.3
GE 5000	64.5	65.2	67.0	67.7	68.3	68.3	68.4	68.5	68.5
GE 4500	65.5	67.1	68.0	68.7	69.2	69.3	69.4	69.5	69.5
GE 4000	67.5	69.2	70.1	70.3	71.4	71.5	71.6	71.7	71.7
GE 3500	68.9	70.5	71.5	72.2	72.3	72.9	73.0	73.0	73.0
GE 3000	70.5	72.4	73.5	74.3	74.9	75.0	75.1	75.2	75.2
GE 2500	72.5	74.5	75.3	75.5	77.3	77.4	77.5	77.5	77.5
GE 2000	74.5	75.9	78.2	79.1	79.5	79.9	80.1	80.1	80.1
GE 1800	75.0	77.4	78.7	79.5	80.3	80.5	80.5	80.7	80.7
GE 1600	76.5	79.0	80.4	81.3	82.1	82.3	82.5	82.5	82.5
GE 1200	77.5	80.1	81.5	82.5	83.5	83.7	84.0	84.0	84.0
GE 1000	78.2	80.9	82.5	83.5	84.5	84.5	85.1	85.2	85.2
GE 900	78.7	81.5	83.3	84.5	85.7	85.9	86.3	86.4	86.4
GE 800	78.9	82.0	83.3	85.2	86.5	86.9	87.3	87.4	87.4
GE 700	79.0	82.4	84.4	85.2	87.5	88.2	88.6	88.7	88.8
GE 600	79.2	82.5	84.3	86.0	88.5	89.2	89.3	89.0	89.0
GE 500	79.2	82.9	85.1	87.4	89.3	90.2	91.1	91.4	91.5
GE 400	79.3	83.0	85.4	88.2	90.5	91.5	92.9	93.5	93.7
GE 300	79.3	83.1	85.5	88.4	91.2	92.1	93.3	95.0	95.1
GE 200	79.3	83.1	85.5	88.5	91.5	92.4	94.3	95.3	95.9
GE 100	79.3	83.1	85.5	89.5	91.5	92.4	94.3	95.3	95.1
GE 000	79.3	83.1	85.5	89.5	91.5	92.4	94.3	95.3	95.1

TOTAL NUMBER OF OBSERVATIONS 5131

P

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION: 3500
PERIOD OF RECORD: JUN 74 - MAY 80
MONTH: DEC HOURS: ALL

.....									
CEILING IN STATUTE MILES									
0	01	02	03	04	05	06	07	08	09
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4	0
.....									
51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3
57.	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1
58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3
58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4
61.2	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7
61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9
64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
73.0	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2
75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3
77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7
80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8
82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7
84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2
85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4
85.5	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.5
88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
90.3	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3
91.1	91.4	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9
91.9	93.5	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3
93.2	95.0	95.1	95.9	96.3	96.4	96.5	96.5	96.5	96.5
94.3	95.3	95.0	97.1	97.7	97.8	98.1	98.3	98.5	98.5
94.3	95.3	95.1	97.3	97.9	98.1	98.5	98.8	99.1	99.6
99.3	99.5	99.1	97.3	97.9	98.1	98.5	98.8	99.2	100.0
.....									

OPERATING LOCATION "A"
USAFSTAC, ASHBVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
11 PM - 4 JULY 1957

STATION NUMBER: 722270

STATION NAME: COBBINS AFB GA
LST TO VIC: F 5

CEILING						VISIBILITY IN STATUTE MILES				
IN FEET	57 7	58 4	59 5	60 4	61 3	62 1 1/2	63 2	64 1 1/2	65 1 1/4	
NO CEIL	45.5	49.5	51.5	52.7	53.3	54.5	52.6	53.7	53.7	
GE 20000	51.5	55.4	54.5	50.9	50.7	50.9	51.0	51.1	51.1	
GE 19000	51.7	55.5	54.9	50.2	51.0	51.1	51.3	51.3	51.3	
GE 18000	51.3	55.7	55.0	50.3	51.0	51.2	51.3	51.4	51.4	
GE 14000	52.2	57.2	53.1	50.9	51.7	51.5	52.0	52.0	52.2	
GE 12000	53.2	58.3	50.7	52.0	52.3	53.0	53.1	53.2	53.2	
GE 10000	55.0	51.5	54.0	55.5	56.4	56.5	55.7	55.5	55.5	
GE 9000	55.4	51.9	54.5	55.0	55.9	57.3	57.1	57.3	57.3	
GE 8000	53.3	54.2	55.9	55.5	59.5	59.5	59.3	59.9	59.9	
GE 7000	50.0	54.9	57.7	52.3	70.3	70.4	70.5	70.7	70.7	
GE 6000	50.4	55.3	55.2	59.5	70.3	70.9	71.1	71.2	71.2	
GE 5000	50.7	55.5	59.7	71.4	72.4	72.5	72.3	72.4	72.4	
GE 4000	51.3	57.5	70.4	72.2	73.3	73.4	73.7	73.7	73.5	
GE 4000	53.3	59.5	72.9	74.7	75.7	75.1	75.3	75.4	75.5	
GE 3500	54.4	71.1	74.3	75.2	77.4	77.5	77.5	77.9	78.0	
GE 3000	55.2	73.2	75.5	75.7	77.9	80.2	80.4	80.5	80.5	
GE 2500	57.5	74.5	75.4	80.5	81.5	82.1	82.4	82.5	82.5	
GE 2000	59.1	75.5	80.4	82.5	84.0	84.3	84.7	84.7	84.9	
GE 1800	59.5	77.0	80.3	83.1	84.5	84.5	85.2	85.3	85.5	
GE 1500	70.4	78.2	82.2	84.5	85.1	85.4	85.5	87.0	87.0	
GE 1200	71.2	79.3	83.1	85.0	87.7	88.1	88.5	89.7	89.7	
GE 1000	71.7	79.4	84.3	87.0	89.3	89.3	89.3	90.0	90.1	
GE 900	71.9	80.3	84.3	87.7	89.7	90.1	90.5	90.9	90.9	
GE 800	72.1	80.5	85.4	88.4	90.5	91.0	91.5	91.5	91.9	
GE 700	72.2	80.0	85.5	89.0	91.4	92.0	92.5	92.9	93.0	
GE 600	72.3	81.2	85.2	89.7	92.3	92.9	93.7	94.1	94.1	
GE 500	72.4	81.4	85.7	89.4	93.3	94.0	95.0	95.5	95.5	
GE 400	72.5	81.5	86.0	90.5	94.0	94.4	95.0	95.7	95.5	
GE 300	72.5	81.5	87.0	90.9	94.3	95.2	95.5	97.5	97.7	
GE 200	72.5	81.5	87.0	91.0	94.4	95.3	95.5	97.9	98.1	
GE 100	72.5	81.5	87.0	91.0	94.4	95.3	95.9	97.9	98.1	
GE 50	72.5	81.5	87.0	91.0	94.4	95.3	95.9	97.9	98.1	

TOTAL NUMBER OF OBSERVATIONS: 57927

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

14-00 GA

PERIOD OF RECORD: JUL 73 - MAY 82
MONTH: ALL HOURS: ALL

.....
CEILING IN STATUTE MILES

	0	50	50	50	50	50	50	50	50	50
	1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4
0	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
3	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5
4	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
5	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
7	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4
8	59.3	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0
9	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
10	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
11	72.3	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
12	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
13	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
14	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
15	80.4	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7
16	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
17	84.7	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0
18	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
19	87.1	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
20	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
21	90.3	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
22	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
23	91.5	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.1	92.1
24	92.5	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2
25	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4
26	95.0	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.9
27	95.3	95.7	95.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3
28	95.5	97.5	97.7	98.1	98.2	98.2	98.4	98.4	98.5	98.5
29	95.5	97.2	98.1	98.5	98.8	98.9	99.1	99.2	99.3	99.4
30	95.7	97.9	98.1	98.7	99.0	99.1	99.4	99.5	99.7	99.9
31	95.9	97.0	98.1	98.7	99.0	99.1	99.4	99.5	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

21
40%

HOURS (LST)	AIRWAY CLASSES				TOTAL DISCUSSION	OF 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02	10.0	10.0	15.0	65.0		60.0
03-05	35.0	13.5	10.0	37.2	3.3	51.5
06-08	23.4	20.7	14.0	33.3	2.7	55.0
09-11	15.1	23.4	15.2	40.0	2.5	60.3
12-14	14.0	23.2	24.1	37.4	1.2	62.7
15-17	14.5	24.3	23.3	35.9	1.5	60.7
18-20	20.1	20.9	20.5	35.3	2.1	54.0
21-23	31.2	15.1	15.6	35.3	2.2	53.7
ALL HOURS	20.0	20.0	19.0	37.0	2.0	55.0

00-02		22.2		77.5		77.0
03-05	29.1	15.3	16.0	36.4	2.3	55.5
06-08	17.1	21.0	17.2	41.1	3.7	62.0
09-11	13.2	20.3	19.4	45.0	2.1	55.5
12-14	12.5	21.5	22.5	42.2	.0	65.5
15-17	12.5	19.5	25.0	41.2	.5	67.0
18-20	15.5	22.1	19.4	41.2	1.4	62.1
21-23	29.7	15.0	13.5	33.9	1.9	54.3
ALL HOURS	17.4	19.9	19.5	41.4	1.2	62.7

FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION: GA PERIOD OF RECORD: JUN 71 - MAY 88
MONTH: JAN HOURS: ALL

.....				
Y CLASSES				
ACT	TOTAL	GT	PARTIAL	TOTAL
	OBSERVATION	1/2	OBSERVATION	OBS
.....				
0		50.0		20
.2	3.3	51.5	.7	274
.3	2.7	55.9	2.6	535
.4	2.6	50.3	4.2	395
.6	1.2	52.7	2.5	243
.9	1.5	50.7	2.5	543
1.3	2.1	57.0	1.1	134
2.0	2.2	53.7	1.8	431
2.7	2.0	53.0	2.0	5535
.....				

MONTH: FEB HOURS: ALL

.....				
		77.3		0
.6	2.3	55.6	2.3	251
1	3.7	52.0	1.9	349
1	2.1	55.5	3.2	249
2	.0	65.5	2.0	349
2	.6	57.3	1.5	349
3	1.4	52.1	1.4	249
3	1.9	54.3	.3	349
4	1.3	52.7	1.3	3354
.....				

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

0.5
40.0

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	GT 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02						
03-05	30.1	17.9	17.2	33.0	1.8	52.0
06-08	19.7	21.5	20.3	35.9	2.5	53.7
09-11	16.7	22.9	22.7	35.7	1.1	50.4
12-14	13.0	24.9	24.9	36.3	.9	52.2
15-17	11.5	25.4	27.5	34.5	.5	53.1
18-20	15.7	25.0	24.5	32.3	.4	57.9
21-23	30.5	22.0	16.3	30.5	.4	47.3
ALL HOURS	18.0	23.0	22.0	34.0	1.0	57.0

11

00-02						
03-05	42.7	16.5	12.5	27.0	1.1	40.7
06-08	21.2	28.4	18.7	30.1	1.0	49.3
09-11	13.3	23.9	22.1	29.7	.6	52.3
12-14	9.3	34.1	25.3	29.3		55.1
15-17	10.1	31.2	27.3	31.0	.3	52.7
18-20	14.9	28.4	27.3	29.0	.3	55.7
21-23	32.1	23.2	17.3	25.3	1.0	44.7
ALL HOURS	19.1	23.4	22.7	29.2	.6	52.0

+

FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

WAB 6A PERIOD OF RECORD: JUN 75 - MAY 83
MONTH: MAR HOURS: ALL

.....				
Y CLASSES				
AST	TOTAL	GT	PARTIAL	TOTAL
	OBSERVATION	1/2	OBSERVATION	1/2
.....				
				0
0	1.8	52.0	2.5	279
1	2.5	53.7	2.2	930
2	1.1	50.4	1.7	930
3	.9	52.2	.6	930
4	.5	53.1	.5	930
5	.4	57.2	.4	930
6	.4	47.3	.9	930
7	1.0	57.0	1.0	5550
.....				

MONTH: APR HOURS: ALL

.....				
				0
0	1.1	40.7	2.2	356
1	1.0	49.3	1.1	900
2	.6	52.3	.5	900
3		56.1	.4	900
4	.3	58.7	.2	900
5	.3	56.7	.2	900
6	1.0	44.7	.5	767
7	.6	52.0	.6	5623
.....				

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

AFSL
MONT

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	ST 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02		100.0				
03-05	32.3	21.4	21.6	23.1	1.5	46.3
06-08	16.3	27.4	27.6	25.5	1.6	55.4
09-11	16.3	27.5	27.4	27.8	.1	55.4
12-14	6.2	32.0	36.6	25.1	.1	61.7
15-17	4.4	37.0	34.3	23.0		58.6
18-20	6.9	34.1	20.2	23.9		57.0
21-23	25.5	26.1	24.3	23.5		44.3
ALL HOURS	14.0	30.0	29.0	25.0	.0	55.0

00-02						
03-05	24.7	23.3	20.7	21.1	1.1	43.0
06-08	14.7	32.0	24.3	27.2	.9	52.4
09-11	11.5	37.0	26.0	23.6	.1	50.6
12-14	2.0	41.3	35.4	19.3		50.0
15-17	4.2	44.9	35.0	15.3	.1	50.0
18-20	9.7	35.2	32.2	19.0		52.1
21-23	25.3	32.7	22.5	17.5		42.0
ALL HOURS	12.3	37.3	29.1	21.0	.3	50.4

A

FREQUENCY OF OCCURRENCE OF SKY COVER HOURLY OBSERVATIONS

54 PERIOD OF RECORD: JUN 74 - MAY 84
 MONTH: MAY HOURS: ALL

CLASSES	TOTAL	GT	PARTIAL	TOTAL
1	DISCURATION	1/2	DISCURATION	945
				3
1	1.5	46.3	3.7	588
2	1.5	55.4	3.3	930
3	.1	56.4	1.4	930
4	.1	61.7	.5	930
5		51.5	.4	928
6		57.0	1.0	922
7		44.3	2.3	513
8	.0	55.0	1.0	5244

MONTH: JUL HOURS: ALL

				0
1	1.1	43.0	3.3	540
2	.9	52.4	4.5	900
3	.1	50.5	3.3	900
4		55.3	2.5	900
5	.1	50.0	4.0	900
6		52.1	2.4	900
7		42.0	1.0	500
8	.3	50.4	3.4	5540

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBS IS AFB GA

LST TO UTC: + 5

0-21

4771

HOURS (LST)	AIRWAY CLASSES				TOTAL DISCUSSION	SI 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02				100.0		100.0
03-05	24.8	34.1	20.3	10.7	1.1	41.1
06-08	13.4	32.6	25.3	25.3	.9	54.0
09-11	10.5	36.1	30.2	23.1		53.3
12-14	1.3	40.9	41.7	15.1		57.3
15-17	.5	44.4	34.7	20.2		54.9
18-20	5.4	36.1	33.3	25.2		53.5
21-23	15.7	34.2	27.0	23.1		53.1
ALL HOURS	9.0	37.0	31.0	22.0	.0	53.0

00-02				100.0		100.0
03-05	23.3	25.3	22.5	21.3	1.1	43.4
06-08	12.5	33.1	30.4	23.0	1.0	54.4
09-11	14.5	31.4	34.5	19.4	.2	54.1
12-14	2.0	40.0	41.3	15.7		54.0
15-17	.1	43.2	41.5	15.1	.1	55.7
18-20	5.4	41.7	33.4	19.5		52.0
21-23	25.5	30.4	22.3	21.2		43.0
ALL HOURS	10.0	35.0	33.5	19.3	.3	53.1

FREQUENCY OF OCCURRENCE OF SKY COVER
 4 HOURLY OBSERVATIONS

TO GA PERIOD OF RECORD: JUN 73 - MAY 80
 MONTH: JUL HOURS: ALL

CLASSES				
ST	TOTAL	ST	PARTIAL	TOTAL
	DISCURATION	1/2	DISCURATION	IPS
0		100.0		3
7	1.1	41.1	9.9	557
3	.9	54.0	5.7	925
1		53.3	7.5	939
1		57.3	9.3	930
		54.9	9.9	930
2		58.5	9.5	930
1		50.1	9.3	623
	.0	53.0	3.0	5429

MONTH: AUG HOURS: ALL

0		100.0		5
	1.1	45.4	9.1	559
	1.0	54.4	15.1	930
	.2	54.1	9.0	930
		54.0	5.1	930
	.1	55.7	9.5	930
		52.9	7.0	930
		43.9	5.4	624
	.3	53.1	9.4	5539

OPERATING LOCATION "AA"
USAFETYAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

WIND
DIR

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	OF 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02		25.0	75.0			75.0
03-05	39.6	23.6	13.3	22.3	1.1	26.6
06-08	13.1	34.1	21.3	24.1	1.9	47.6
09-11	17.1	33.9	24.4	24.6		49.0
12-14	6.1	34.4	33.7	21.3		65.4
15-17	5.3	42.3	32.0	19.9		51.9
18-20	14.0	39.4	25.4	21.1		46.6
21-23	32.9	29.4	19.3	17.9		37.7
ALL HOURS	17.0	35.0	23.0	21.0	.0	47.0

00-02						
03-05	43.5	16.1	15.2	22.7	2.5	40.7
06-08	24.6	27.7	13.3	25.2	2.6	47.6
09-11	24.0	25.2	22.3	23.8	1.3	47.9
12-14	13.2	31.1	27.9	21.9	1.0	60.1
15-17	17.7	34.9	27.1	19.7	.6	47.0
18-20	29.6	30.0	26.4	20.6	.3	41.4
21-23	41.4	19.4	16.2	22.9	.2	39.2
ALL HOURS	26.7	27.3	21.1	22.5	1.2	45.6

FREQUENCY OF OCCURRENCE OF SKY COVER
BY HOURLY OBSERVATIONS

APR 64 PERIOD OF RECORD: JUN 73 - MAY 86
MONTH: SEP HOURS: ALL

Y CLASSES	TOTAL OBSERVATION	BT 1/2	PARTIAL OBSERVATION	TOTAL OBS
		75.0		4
0.3	1.1	36.6	3.7	543
0.1	1.0	47.8	7.1	900
0.5		49.0	4.5	900
0.3		55.4	3.0	900
		51.0	3.4	900
1		46.5	2.0	900
0		37.7	2.2	602
0	1.0	47.0	3.0	5040

MONTH: OCT HOURS: ALL

				0
7	2.5	40.7	1.5	541
0	2.5	47.5	3.2	930
0	1.3	47.3	2.0	930
0	1.0	50.0	1.2	930
7	.5	47.0	.9	930
0	.3	41.4	1.3	930
0	.2	39.2	1.2	565
0	1.2	45.5	1.5	5355

13

OPERATING LOCATION "AW"
USAFPTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	GT 1/2
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02		29.4	35.3	35.3		70.0
03-05	34.0	12.1	20.6	30.1	3.2	83.0
06-08	23.9	19.0	18.3	35.0	3.4	87.2
09-11	14.9	21.3	20.6	37.0	1.4	89.0
12-14	15.2	23.9	23.9	35.3	.7	89.0
15-17	13.3	24.0	30.3	30.4	.6	81.3
18-20	22.2	24.8	22.7	29.6	.2	83.0
21-23	33.0	14.0	14.2	32.2	1.1	84.1
ALL HOURS	21.0	21.0	21.0	33.0	1.0	85.0

00-02	50.0			50.0		50.0
03-05	35.2	15.2	15.4	30.0	3.2	83.0
06-08	21.0	22.9	20.5	31.9	3.8	80.0
09-11	14.0	25.8	23.1	33.5	3.6	80.1
12-14	14.1	25.7	20.7	32.1	1.4	80.0
15-17	11.6	20.5	23.3	29.2	1.6	80.0
18-20	21.3	26.0	24.2	25.2	1.7	81.3
21-23	34.2	21.0	15.5	25.5	1.8	86.0
ALL HOURS	20.2	25.1	22.7	29.7	2.3	84.7

FREQUENCY OF OCCURRENCE OF SKY COVER
FROM DAILY OBSERVATIONS

APR 34 PERIOD OF RECORD: JUN 73 - MAY 76
MONTH: NOV HOUR: ALL

SKY CLASSES				
BASE	TOTAL OBSERVATIONS	IF 1/2	PARTIAL OBSERVATIONS	TOTAL HRS
0.3		70.6		17
0.1	3.2	53.9	1.4	232
0.0	3.3	57.2	3.2	900
0.0	1.4	59.0	3.9	900
0.3	.7	79.9	1.4	900
0.4	.6	51.3	1.3	900
0.5	.2	53.0	1.3	900
0.0	1.1	45.1	1.0	900
0.0	1.0	55.0	2.0	5497

MONTH: DEC HOUR: ALL

0.0		50.0		0
0.0	5.2	43.0	4.0	247
0.0	3.3	50.2	3.0	513
0.0	3.6	60.1	3.6	513
0.1	1.4	50.0	1.7	513
0.0	1.0	53.9	1.4	513
0.0	1.7	51.5	1.6	513
0.0	1.3	45.0	1.6	513
0.0	2.3	54.7	2.3	5131

OPERATING LOCATION: WAM
 USATFAC, ACHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 720270

STATION NAME: JOHNS AFB GA
 LST TO UTC: + 8

HOURS (LST)	AIRWAY CLASS				TOTAL PRECIPITATION	AT 1/1
	CLEAR	SCATTERED	BROKEN	OVERCAST		
00-02	7.5	19.4	17.9	55.2		73.1
03-05	33.4	21.7	17.9	26.9	1.3	44.7
06-08	19.9	21.9	21.7	30.4	2.1	44.1
09-11	14.5	20.2	24.5	30.7	1.1	50.7
12-14	3.7	31.9	31.5	27.7	.5	54.7
15-17	7.7	33.7	20.5	25.5	.5	44.1
18-20	17.9	30.2	26.1	27.3	.5	50.1
21-23	37.1	23.3	15.3	27.4	.4	44.1
ALL PERIOD	17.5	26.7	24.3	31.5	1.3	44.1

PERCENTAGE OF OCCURRENCE OF SKY COVER
 FROM JULY OBSERVATIONS

1964

PERIOD OF RECORD: JUN 71 - MAY 84
 MONTH: ALL MONTHS: ALL

SKY CLASSES

SKY CLASS	TOTAL OCCURRENCE	GT 1/2	PARTIAL OCCURRENCE	TOTAL HRS
0		73.1		67
1	1.8	44.2	4.1	5027
2	2.1	44.3	4.2	10703
3	1.1	55.7	3.3	10747
4	.8	64.7	2.3	10735
5	.7	67.8	3.5	10743
6	.6	66.6	2.5	10734
7	.4	43.5	2.4	3067
8	1.7	44.1	3.3	67327

0000000000
 0000000000
 00 00
 00 00
 0000000000
 0000000000
 00
 00
 00
 00

00000000
 00000000
 00 00
 00 00
 00 00
 0000000000
 0000000000
 00 00
 00 00
 00 00
 00 00

00000000
 00000000
 00 00
 00 00
 0000000000
 00000000
 00 00
 00 00
 00 00
 00 00
 00 00

00000000
 00000000
 00
 00
 00
 00
 00
 00
 00
 00
 00

TTTTTTTTT
TTTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

TTTTTTTTT
TTTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

PART I

TEMPERATURE AND RELATIVE HUMIDITY SUMMARY

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (IN THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, ARE SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTAL YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT (10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES WERE REPORTED ROUTINELY FROM HOURLY OBSERVATIONS IN ALL WEATHER DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. SEE PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY TEMPERATURES BY MONTH AND BY YEAR. MONTHLY TEMPERATURES ARE ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AND WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DRY POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--

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

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATIONS. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR WHICH APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ADDITION "ENGINEERING WEATHER DATA," AND AWP 105-15, "WEATHER DATA."

NOTE 1. WINTER WET BULB AND DRY POINT MEAN TEMPERATURES MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE, WET BULB TEMPERATURES ARE NOT REPORTED (FAN-14). DRY POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB) ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME CASES MEAN WET BULB TEMPERATURES MAY ACTUALLY BE LOWER THAN SHOWN AS BULB TEMPERATURES.

PART I

RELATIVE HUMIDITY SUMMARIES

RELATIVE HUMIDITY OCCURRENCE FREQUENCY (PDF).

THE SUMMARY OF DAY DATA AND GIVE CUMULATIVE AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS FOR YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, TOTAL OBSERVATION COUNTS ARE GIVEN.

1. 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES

2. OBSERVATIONS ON AND FORM 10/10A TO 5PM AUTOMATED 1946-1947 STATIONS. REFER TO THE "STATION HISTORY" SECTION REPORTING PRACTICES.

DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN. MEANS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) AND/OR INCOMPLETE MONTHS.

DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES MISSING AND/OR INCOMPLETE MONTHS.

POINT TEMPERATURES.

1. DAILY OBSERVATIONS--DATA IS SUMMARIZED:

2. TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

3. ALL HOURS COMBINED).

4. ALL DAYS COMBINED).

5. AND TOTAL OBSERVATION COUNTS ARE GIVEN.

6. MEAN TEMPERATURES FOR VARIOUS THRESHOLDS ALSO FOR SUMMARY AND IN ACCORDANCE WITH AFM 88-27, 89, AND AWP 105-65, "METEOROLOGICAL TECHNIQUES."

7. POINT MEAN TEMPERATURES FOR VERY COLD STATIONS WHEN THE DRY BULB TEMPERATURE IS BELOW -30 DEGREES ARE NOT REPORTED (FMH-18). AS A RESULT, WINTER MEAN DAILY, WINTER MEAN NET DAILY TEMPERATURES ARE NOT IN THE TABLES. IN SOME HIVE GROUPS, IN FACT, THEY MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARY TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAY BE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURES. THEY MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (SINCE 1956)

$C = K - 273.2$ (SINCE 1954)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE OF RELATIVE HUMIDITY CREATED FROM HOURLY OBSERVATIONS. THESE TABLES GIVE RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATIONS. THE DATA IS SUMMARIZED AS FOLLOWS:

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

TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW"
NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES
OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES
HAS.

$$F = 1.10 + 02$$

$$C = K - 273.0 \text{ (BEFORE 5 APRIL 77)}$$

$$C = K - 273.2 \text{ (SINCE 5 APRIL 77)}$$

PERCENT OCCURRENCE FREQUENCY (POF).
ATIONS, THESE TABLES GIVE POF OF RELATIVE
ITS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
FOLLOWING:

TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

AND ALL HOURS COMBINED).

AND ALL HOURS COMBINED).

OPERATING LOCATION: 1A
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM SUMMARY

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: +05

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GE 100						.2	1.1	1.3
GE 95						3.7	9.0	12.7
GE 90				.2	2.4	13.8	40.1	51.1
GE 85			.2	3.3	22.9	58.7	77.6	81.1
GE 80			3.0	19.7	52.5	80.5	94.1	96.1
GE 75	.7	1.7	12.1	31.7	75.3	95.6	98.9	99.9
GE 70	2.7	3.3	25.7	52.0	71.8	93.4	99.7	99.9
GE 65	10.7	20.6	43.3	79.0	95.8	99.7	100.0	100.0
GE 60	21.4	35.4	50.4	89.8	99.0	100.0		100.0
GE 55	35.5	51.1	76.5	96.0	100.0			
GE 50	52.1	67.3	87.3	99.0				
GE 45	67.7	80.0	93.5	99.9				
GE 40	81.1	89.5	97.9	99.9				
GE 35	92.0	95.5	99.5	100.0				
GE 30	95.0	97.5	99.9					
GE 25	97.2	99.5	99.9					
GE 20	99.0	99.7	99.9					
GE 15	99.9	99.9	100.0					
GE 10	100.0	100.0						

MEAN	50.0	54.4	51.0	71.5	79.0	85.2	87.9	86.1
SD	11.05	10.97	10.70	3.59	5.82	5.84	5.27	5.20
TOTAL OBS	1243	1147	1302	1250	1302	1230	1221	1224

STAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STAGE 6A

PERIOD OF RECORD: 4502-2305

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.2	1.1	.4					.1
	3.7	2.0	5.7	.7	.1			1.6
2.1	23.2	40.1	31.1	9.4	.3			3.2
22.2	51.7	77.6	71.2	35.2	3.3			22.6
32.4	55.6	74.1	63.6	64.6	15.1	1.2		35.5
55.3	75.9	91.4	75.6	82.2	41.2	7.5	.3	45.2
71.4	93.4	99.7	99.4	92.5	64.5	22.2	4.2	55.0
94.3	99.7	100.0	99.9	97.6	81.3	42.2	15.2	65.6
99.0	100.0		100.0	99.7	93.3	62.4	22.2	74.3
100.0				99.7	93.3	76.0	43.0	91.5
				100.0	99.4	87.6	62.1	87.3
					100.0	94.6	73.6	93.0
						93.6	91.7	96.6
						98.6	97.1	98.7
						99.3	98.9	99.2
						99.7	99.7	99.6
						99.9	99.9	99.9
						100.0	100.0	100.0
						100.0	100.0	100.0

77.1	66.2	67.2	65.2	61.2	71.8	61.5	63.1	70.3
1.22	5.84	5.27	5.06	7.03	7.30	9.62	9.90	15.72
1202	1230	1221	1224	1230	1260	1230	1223	14061

OPERATING LOCATION: A1
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JANUARY TO

STATION NUMBER: 722270

STATION NAME: GIBBINS AFB GA
LST TO UTC: +05

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GE 80							.2	.1
GE 75						1.5	7.6	3.1
GE 70				.1	1.3	26.6	67.2	43.7
GE 65			.2	1.9	13.2	68.6	83.4	77.4
GE 60	.2	.2	2.5	13.3	62.7	69.1	89.1	91.7
GE 55	2.5	3.3	10.4	32.7	73.3	87.5	99.9	100.0
GE 50	6.5	9.3	21.9	64.2	89.6	97.8	100.0	
GE 45	13.0	17.0	38.2	71.5	96.3	100.0		
GE 40	24.9	30.4	53.0	86.3	99.6			
GE 35	41.0	47.3	73.2	96.6	100.0			
GE 30	48.5	64.4	89.0	98.7				
GE 25	61.3	71.4	93.0	99.6				
GE 20	79.0	86.1	97.4	100.0				
GE 15	89.9	93.9	99.4					
GE 10	95.9	98.1	99.9					
GE 5	98.0	99.3	100.0					
GE 0	99.4	100.0						
GE -5	100.0							

MEAN	32.5	34.7	41.4	47.2	54.5	60.1	64.6	67.7
SD	10.53	7.90	7.16	7.41	6.77	4.93	3.55	3.70
TOTAL OBS	1233	1187	1302	1260	1302	1230	1221	1214

STAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

LAKE TAHOE

PERIOD OF RECORD: 1899-1955

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
		.2	.1					.0
	1.5	7.5	3.5					1.1
1.5	28.5	57.2	48.8	16.2	.7			12.4
13.7	58.5	75.4	57.4	46.2	5.1	.7	.2	26.5
25.7	65.1	79.1	65.2	71.0	18.5	5.5	1.3	37.2
38.3	77.5	89.9	100.0	88.2	35.7	11.4	4.2	46.6
50.5	89.5	100.0		97.1	57.7	23.3	2.9	55.6
65.4	100.0			99.5	75.6	37.0	15.4	63.9
79.6				99.5	80.2	54.5	30.6	72.6
90.7				99.9	97.4	73.1	45.4	81.5
				100.0	98.6	79.9	55.4	85.1
					99.5	90.1	67.7	90.2
					99.9	97.2	87.3	95.6
					100.0	99.1	95.5	98.2
						99.8	98.9	99.4
						99.9	99.8	99.7
						99.9	99.9	99.9
						100.0	99.9	100.0
							100.0	100.0

99.5	99.1	99.3	98.9	92.5	61.1	41.4	25.0	21.0
9.77	4.63	3.55	3.75	5.35	8.72	9.95	9.93	15.56
1207	1233	1221	1224	1230	1259	1215	1223	14051

OPERATING LOCATION: MA
USAF TAC, ARMYVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM JANUARY 1955

STATION NUMBER: 722270 STATION NAME: GORDINS AFB GA
EST TO UTC: +05

TEMP (DLS-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
95							.2	.1
90						3.0	7.4	8.5
85					1.2	21.0	44.3	34.7
80			.1	1.0	17.3	55.0	83.6	95.7
75			1.7	12.1	52.3	70.5	88.7	97.8
70	.3	.8	3.9	38.0	77.9	90.7	98.9	100.0
65	4.2	5.3	22.3	53.1	82.2	94.1	100.0	100.0
60	10.8	15.6	30.3	78.3	98.5	100.0		
55	19.9	31.3	59.3	92.2	100.0			
50	34.7	51.9	73.7	90.4				
45	7.7	71.4	91.4	99.1				
40	75.2	95.0	97.2	100.0				
35	92.3	99.3	99.9					
30	99.1	99.7	99.9					
25	99.7	99.9	99.9					
20	99.9	99.9	99.9					
15	99.9	99.9	100.0					
10	99.9	100.0						
5	100.0							

MEAN	41.6	44.2	51.5	59.9	69.6	77.2	79.8	77.1
SD	16.00	9.45	9.10	7.41	5.34	4.70	3.70	3.74
TOTAL OBS	1205	1137	1302	1263	1302	1230	1221	1401

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN PARCENTRIT
 1931 SUMMARY OF DAY DATA

1931-34

PERIOD: 1931-34
 MONTHS: ALL
 HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL
		.2	.2					.2
	0.0	7.3	3.2	.2				1.0
1.2	21.0	44.3	34.7	1.0	.3			0.0
17.3	58.0	80.6	55.2	40.7	2.7			24.0
.0	0.0	0.0	0.0	71.4	14.7	1.2	.2	30.4
12.7	6.7	00.0	00.7	00.0	35.1	7.5	1.4	40.1
0.0	0.0	100.0	100.0	07.7	03.2	10.1	0.2	00.0
0.0	100.0			00.6	00.6	34.1	14.1	00.1
0.0				00.3	00.3	00.2	00.7	73.0
				100.0	00.0	77.7	45.2	02.4
					00.0	01.0	00.0	00.1
					100.0	07.0	00.0	00.0
						00.0	00.1	00.0
						00.0	00.7	00.0
						00.0	00.0	00.0
						00.0	00.0	00.0
						00.0	00.0	00.0
						100.0	100.0	100.0
								100.0

0.0	0.0	70.1	70.1	72.2	61.7	11.7	04.0	00.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.17
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION: 111
USAF TAC, ASHEVILLE, NC

MONTHLY MAXIMUM TEMPERATURES IN °F
FROM 1946 TO 1970

STATION NUMBER: 72102

STATION NAME: WISCONSIN AFB IN
EST. TIME: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46							
47	70	71	60	65	60	74	70
48	64	77	64	65	70	74	101
49	77	74	61	62	69	70	75
50	76	71	60	64	69	76	78
51	68	75	60	60	61	77	76
52	73	76	60	64	70	100	100
53	69	67	70	75	64	70	77
54	69	78	60	66	71	100	77
55	60	70	61	60	69	72	70
56	67	73	70	66	70	74	76
57	73	76	72	76	60	75	74
58	61	64	60	64	64	95	70
59	60	73	77	63	60	67	67
60	70	70	75	67	71	68	66
61	64	73	77	63	66	70	66
62	64	77	74	66	74	70	66
63	63	66	74	65	66	74	78
64	60	60	77	63	69	70	66
65	60	74	75	65	66	75	64
66	60	67	70	63	60	70	66
67	74	72	70	66	60	60	66
68	60	60	60	63	63	60	63
69	67	66	70	61	60	67	65
70	60	66	74	64	64	60	67
71	60	60	67	60	64	64	60
72	60	74	70	66	66	60	66
73	60	71	66	60	66	63	66
74	71	73	64	65	66	60	60
75	70	73	70	64	91	60	60
76	64	77	61	66	67	60	66
77	66	70	70	64	70	66	101
78	61	67	61	64	63	66	64
79	63	71	77	61	67	60	64
80	62	76	76	60	66	61	100

AIR TEMPERATURES IN HARBORWELL SUMMARY OF MAY DATA

1951

PERIOD OF RECORD: 4500-7300
MONTH: ALL YEARS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				91	91	91	70	91*
	84	85*						84*
20	90	101	98	91	89	89	71	101
21	90	96	93	89	84	76	72	96
22	95	95	90	92	84	91	68	96
23	95	96	98	99	92	71	75	94
24	100	102	97	99	96	73	64	102
25	99	97	97	99	95	76	68	99
26	100	99	100	99	95	75	68	100
27	92	95	94	93	95	79	70	95
28	94	95	98	93	91	79	74	95
29	95	94	97	97	76	77	69	97
30	96	92	90	91	93	91	69	95
31	97	97	97	96	97	76	66	97
1	98	96	93	93	96	74	67	96
2	93	93	94	93	96	93	72	94
3	97	96	91	93	94	93	70	94
4	94	97*	91*	92	94	74	62	94*
5	91	91	91	91	79	76	70	91
6	95	91	96	95	91	72	65	94
7	92	96	94	99	72	73	71	96
8	90	95	97	94	94	71	69	92
9	99	93	97	95	93	92	61	97
10	97	96	99	93	96	71	69	97
11	92	97	91	91	96	72	73	97
12	94	99	99	99	96	79	76	94
13	91	96	91	92	93	90	76	96
14	93	96	91	92	94	73	62	96
15	99	92	91	90	90	91	72	92
16	92	99	93	95	95	73	71	95
17	99	96	99	96	91	71	67*	96*
18	96	101	92	96	96	71	73*	101*
19	96	94	93	92	91	76	76*	96*
20	92	94	96	99	76	73	70	96
21	91	102	99	94	95	74	70*	102*

OPERATING LOCATION: 141
USAFENTAC, ASH-MILL, NC

MONTHLY MAXIMUM TEMPERATURES IN FA
FROM JANUARY 1951 TO 1958

STATION NUMBER: 721370

STATION NAME: DUBOIS AFB GA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	83	75	82	84	87	94	98
82	80	75	85	77	91	93	95
83	85	87	77	81	86	91	93
84	85	73	78	84	86	96	92
85	86	72	82	85	88	93	93
86	70	75	82	91	88	96	100
87	82	88	75	90	89	93	101
88	87	73	78	89	89		

GREATEST	75	79	88	91	94	100	102
TOTAL DAYS	1293	1147	1302	1250	1302	1230	1201

THE GREATEST VALUE OF 104 OCCURRED ON 08/22/95

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 40%

MAXIMUM TEMPERATURES IN FAHRENHEIT
 MONTHLY SUMMARY OF DAY DATA

AFW, GA

PERIOD OF RECORD: 4600-8605
 MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
87	94	96	92	87	86	78	67*	95*
81	83	83	81	80	87	81	74*	93*
75	81	83	104	81	82	74	63*	104*
68	84	82	80	80	85	71	74	96
64	83	83	81	83	84	70	69	85
58	86	100	82	80	87	81	67*	100*
57	83	101	80	89	81	70	67*	101*
5								108

84	100	102	104	99	95	83	76	104
1222	1230	1221	1224	1230	1259	1230	1223	14951

COMPILED BY: 08/22/83

DATA WITH LESS THAN 90% IS THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: ASH
USAF TAG, ASHVILLE, NC

MONTHLY MINIMUM TEMPERATURES IN FAH-
RENHEIT SUMMARY OF DAY DATA

STATION NUMBER: 722270

STATION NAME: DUBBINS AFB GA

LOT TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
46								
47	19	13	22	34	40	50	57	
48	10	24	27	36	45	55	63	
49	25	25	23	31	51	54	55	
50	25	23	24	13	55	55	59	
51	20	7	26	33	44	55	57	
52	15	25	29	22	40	53	55	
53	22	25	31	32	50	52	59	
54	19	23	25	35	46	55	55	
55	18	12	15	34	50	55	51	
56	21	30	24	32	44	45	50	
57	16	25	31	35	41	59	51	
58	16	2	35	34	41	58	57	
59	10	21	25	35	45	53	54	
60	13	19	19	24	39	54	58	
61	9	21	21	33	35	54	52	
62	7	19	24	31	40	57	55	
63	24	7	23	37	34	59	63	
64	13	13	22	34	51	59	55	
65	9	15	19	35	52	57	55	
66	23	17	21	33	40	51	55	
67	21	7	25	35	39	52	54	
68	15	14	23	35	45	52	55	
69	9	23	21	35	43	55	55	
70	3	9	22	35	45	54	55	
71	15	16	23	24	38	53	45	
72	4	19	28	33	45	45	52	
73	15	19	33	31	44	52	55	
74	30	15	30	33	44	52	55	
75	19	22	23	35	52	50	55	
76	11	24	30	37	41	52	55	
77	1	17	30	35	45	52	53	
78	11	13	13	36	40	54	54	
79	11	17	30	35	45	55	52	
80	22	15	13	37	43	55	52	

MINIMUM TEMPERATURES IN FAHRENHEIT MONTHLY SUMMARY OF DAY DATA

APR 64

PERIOD OF RECORD: 4609-5405

MONTH: ALL HOURS: ALL

DAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1				52	35	23	23	23*
2	50	52*						13*
3	55	53	57	52	31	30	19	16
4	54	55	54	33	45	23	20	20
5	55	59	53	45	43	4	18	4
6								
7	55	57	50	51	35	18	11	7
8	53	55	54	51	23	25	20	15
9	52	52	54	44	33	24	13	13
10	50	53	53	45	23	22	22	19
11	53	51	52	57	33	10	15	12
12								
13	45	50	50	49	51	21	27	21
14	53	51	50	47	30	25	9	9
15	54	50	50	40	39	25	19	2
16	50	54	55	52	35	20	22	10
17	52	55	55	51	37	20	10	10
18								
19	54	52	50	47	29	23	19	9
20	57	55	52	43	23	25	-1	-1
21	50	53*	51*	48	30	25	10	-4*
22	54	53	57	49	34	19	17	13
23	57	55	50	49	27	24	19	9
24								
25	51	55	52	53	37	24	20	-3
26	52	54	50	33	31	23	20	7
27	52	55	55	52	31	25	17	14
28	55	55	53	49	37	18	21	9
29	54	55	55	50	35	14	10	3
30								
31	53	55	53	50	43	30	25	10
1	50	52	52	50	35	24	15	9
2	52	55	52	54	41	25	18	15
3	52	55	55	61	34	25	24	15
4	50	55	55	52	30	30	17	17
5								
6	52	50	50	40	31	19	14*	11*
7	52	53	56	57	35	25	13*	1*
8	54	54	55	50	37	35	21*	11*
9	55	52	53	57	37	23	20	11
10	55	52	54	55	39	29	25*	13*

OPERATING LOCATION: 141
USAFRTAC, ASHEVILLE, NC

MONTHLY MINIMUM TEMPERATURES IN FAH-
RENHEIT SUMMARY OF DAY DATA

STATION NUMBER: 722272

STATION NAME: DRYING AREA 3A
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	12	12	32	43	45	54	55
82	5	24	39	33	41	54	54
83	22	21	32	39	47	53	55
84	14	23	26	34	44	51	52
85	-3	29	31	35	50	52	52
86	6	19	25	35	44	57	57
87	15	25	34	26	51	51	57
88	19	17	26	41	45		

LEAST	-4	2	10	23	35	45	4
TOTAL DRS	1222	1137	1332	1250	1392	1282	1221

THE LEAST VALUE OF -4 OCCURRED ON 01/04/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 21.0"

1. TEMPERATURES IN FAHRENHEIT
 2. SUMMARY OF GAY DATA

AREA: GA PERIOD OF RECORD: 4500-5000
 MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45	34	28	31	43	36	31	19*	12*
47	37	30	35	51	47	33	26*	18*
47	33	26	35	45	40	31	14*	14*
44	21	22	32	52	43	29	17	14
43	32	32	30	40	43	35	12	-3
44	37	36	32	51	44	31	27*	18*
41	31	35	34	53	34	30	27*	15*
40								17*

40	34	26	33	23	4	-1	-4
1230	1221	1226	1230	1239	1230	1223	14261

11/14/50 01/24/53

DATA WITH LESS THAN 25% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: JAS
JMS-120, ASHBYVILLE, NC

MONTHLY MEAN TEMPERATURE IN DEGREES
FARHEIT, JANUARY 1970 - 1979

STATION NUMBER: 702270

STATION NAME: JAS, N.C. 27561
EST. TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	
45								
47	44	37	44	52	57	74	74	
48	35	47	54	54	60	77		
49	35	50	55	54	70	75	73	
50	34	45	43	55	71	77	74	
51	43	45	52	59	54	77	74	
52	41	45	50	53	70	61	61	
53	45	47	54	59	73	73	73	
54	44	40	52	55	64	77	61	
55	42	45	54	54	71	70	74	
56	40	45	52	50	71	74	74	
57	43	52	50	53	70	77	74	
58	37	35	47	50	70	74	74	
59	45	45	50	61	71	74	73	
60	43	43	40	52	57	77	74	
61	38	41	54	55	57	77	74	
62	41	40	47	57	74	74	74	
63	35	31	55	53	74	74	74	
64	40	33	50	51	70	74	74	
65	40	43	45	53	70	73	77	
66	37	44	50	51	55	74	74	
67	45	44	53	55	70	70	74	
68	34	37	51	51	55	73	74	
69	39	42	45	51	67	74	70	
70	35	44	50	53	59	74	70	
71	42	42	40	55	55	75	77	
72	45	44	52	50	55	74	74	
73	42	44	50	59	57	77	74	
74	39	47	50	51	71	70	74	
75	44	40	52	51	70	74	74	
76	34	52	55	51	55	74	74	
77	31	44	55	54	70	70	74	
78	33	33	50	52	54	77	74	
79	35	41	54	51	70	75	70	
80	43	40	45	52	70	74	73	

1. NAME OF THE PATENT: 1. NAME OF THE
 2. NUMBER OF THE PATENT: 2. NUMBER OF THE

3. NAME OF THE

4. NAME OF THE INVENTOR: 4. NAME OF THE
 5. NAME OF THE INVENTOR: 5. NAME OF THE

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2	24	220		73	31	15	45	508
3	22	1	11	71	1	3	40	111
24	75	70	72	64	35	44	44	422
71	77	75	7	70	34	47	39	411
1	22	24	1	74	36	1	41	111
1	1	1	73	71	1	1	42	111
22	71	71	71	71	12	1	11	111
44	77	1	1	75	11	41	42	111
71	71	75	1	74	3	43	42	111
71	7	73	74	71	13	44	42	111
7	22	7	73	73	31	1	41	111
7	7	7	7	71	1	4	41	111
71	75	73	7	73	34	47	41	111
7	77	7	74	73	34	41	41	111
74	71	7	77	73	11	35	44	111
74	7	7	74	71	1	1	41	111
74	74	7400	7400	71	1	41	1	7400
71	74	78	7	72	1	41	41	111
74	73	77	77	72	31	73	41	111
74	74	73	74	71	1	1	41	111
74	7	74	73	73	1	47	41	111
74	73	74	74	71	31	47	41	111
74	74	71	74	71	32	44	47	111
74	74	73	73	77	14	41	41	111
74	75	77	7	73	47	1	42	111
74	74	74	77	75	42	1	45	111
77	77	71	77	74	43	1	41	111
71	72	75	77	72	41	32	44	111
73	75	73	73	71	43	34	45	111
74	74	71	77	73	41	47	420	1118
74	74	7	7	74	31	74	430	1118
74	77	71	74	74	42	37	450	1118
74	75	72	72	71	49	41	44	111
73	75	73	72	77	41	41	450	1118

DATE _____

STATE, NAME: MISSISSIPPI
 COUNTY: CLAY

Year	1997	1998	1999	2000	2001	2002	2003	2004
Yield (kg/ha)	41.5	44.0	51.5	56.9	64.0	73.3	79.1	87.0
Yield (t/ha)	12.9	14.7	15.9	17.0	19.2	22.0	23.7	26.1

- 4 -

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525
 526
 527
 528
 529
 530
 531
 532
 533
 534
 535
 536
 537
 538
 539
 540
 541
 542
 543
 544
 545
 546
 547
 548
 549
 550
 551
 552
 553
 554
 555
 556
 557
 558
 559
 560
 561
 562
 563
 564
 565
 566
 567
 568
 569
 570
 571
 572
 573
 574
 575
 576
 577
 578
 579
 580
 581
 582
 583
 584
 585
 586
 587
 588
 589
 590
 591
 592
 593
 594
 595
 596
 597
 598
 599
 600
 601
 602
 603
 604
 605
 606
 607
 608
 609
 610
 611
 612
 613
 614
 615
 616
 617
 618
 619
 620
 621
 622
 623
 624
 625
 626
 627
 628
 629
 630
 631
 632
 633
 634
 635
 636
 637
 638
 639
 640
 641
 642
 643
 644
 645
 646
 647
 648
 649
 650
 651
 652
 653
 654
 655
 656
 657
 658
 659
 660
 661
 662
 663
 664
 665
 666
 667
 668
 669
 670
 671
 672
 673
 674
 675
 676
 677
 678
 679
 680
 681
 682
 683
 684
 685
 686
 687
 688
 689
 690
 691
 692
 693
 694
 695
 696
 697
 698
 699
 700
 701
 702
 703
 704
 705
 706
 707
 708
 709
 710
 711
 712
 713
 714
 715
 716
 717
 718
 719
 720
 721
 722
 723
 724
 725
 726
 727
 728
 729
 730
 731
 732
 733
 734
 735
 736
 737
 738
 739
 740
 741
 742
 743
 744
 745
 746
 747
 748
 749
 750
 751
 752
 753
 754
 755
 756
 757
 758
 759
 760
 761
 762
 763
 764
 765
 766
 767
 768
 769
 770
 771
 772
 773
 774
 775
 776
 777
 778
 779
 780
 781
 782
 783
 784
 785
 786
 787
 788
 789
 790
 791
 792
 793
 794
 795
 796
 797
 798
 799
 800
 801
 802
 803
 804
 805
 806
 807
 808
 809
 810
 811
 812
 813
 814
 815
 816
 817
 818
 819
 820
 821
 822
 823
 824
 825
 826
 827
 828
 829
 830
 831
 832
 833
 834
 835
 836
 837
 838
 839
 840
 841
 842
 843
 844
 845
 846
 847
 848
 849
 850
 851
 852
 853
 854
 855
 856
 857
 858
 859
 860
 861
 862
 863
 864
 865
 866
 867
 868
 869
 870
 871
 872
 873
 874
 875
 876
 877
 878
 879
 880
 881
 882
 883
 884
 885
 886
 887
 888
 889
 890
 891
 892
 893
 894
 895
 896
 897
 898
 899
 900
 901
 902
 903
 904
 905
 906
 907
 908
 909
 910
 911
 912
 913
 914
 915
 916
 917
 918
 919
 920
 921
 922
 923
 924
 925
 926
 927
 928
 929
 930
 931
 932
 933
 934
 935
 936
 937
 938
 939
 940
 941
 942
 943
 944
 945
 946
 947
 948
 949
 950
 951
 952
 953
 954
 955
 956
 957
 958
 959
 960
 961
 962
 963
 964
 965
 966
 967
 968
 969
 970
 971
 972
 973
 974
 975
 976
 977
 978
 979
 980
 981
 982
 983
 984
 985
 986
 987
 988
 989
 990
 991
 992
 993
 994
 995
 996
 997
 998
 999
 1000
 1001
 1002
 1003
 1004
 1005
 1006
 1007
 1008
 1009
 1010
 1011
 1012
 1013
 1014
 1015
 1016
 1017
 1018
 1019
 1020
 1021
 1022
 1023
 1024
 1025
 1026
 1027
 1028
 1029
 1030
 1031
 1032
 1033
 1034
 1035
 1036
 1037
 1038
 1039
 1040
 1041
 1042
 1043
 1044
 1045
 1046
 1047
 1048
 1049
 1050
 1051
 1052
 1053
 1054
 1055
 1056
 1057
 1058
 1059
 1060
 1061
 1062
 1063
 1064
 1065
 1066
 1067
 1068
 1069
 1070
 1071
 1072
 1073
 1074
 1075
 1076
 1077
 1078
 1079
 1080
 1081
 1082
 1083
 1084
 1085
 1086
 1087
 1088
 1089
 1090
 1091
 1092
 1093
 1094
 1095
 1096
 1097
 1098
 1099
 1100
 1101
 1102
 1103
 1104
 1105
 1106
 1107
 1108
 1109
 1110
 1111
 1112
 1113
 1114
 1115
 1116
 1117
 1118
 1119
 1120
 1121
 1122
 1123
 1124
 1125
 1126
 1127
 1128
 1129
 1130
 1131
 1132
 1133
 1134
 1135
 1136
 1137
 1138
 1139
 1140
 1141
 1142
 1143
 1144
 1145
 1146
 1147
 1148
 1149
 1150
 1151
 1152
 1153
 1154
 1155
 1156
 1157
 1158
 1159
 1160
 1161
 1162
 1163
 1164
 1165
 1166
 1167
 1168
 1169
 1170
 1171
 1172
 1173
 1174
 1175
 1176
 1177
 1178
 1179
 1180
 1181
 1182
 1183
 1184
 1185
 1186
 1187
 1188
 1189
 1190
 1191
 1192
 1193
 1194
 1195
 1196
 1197
 1198
 1199
 1200
 1201
 1202
 1203
 1204
 1205
 1206
 1207
 1208
 1209
 1210
 1211
 1212
 1213
 1214
 1215
 1216
 1217
 1218
 1219
 1220
 1221
 1222
 1223
 1224
 1225
 1226
 1227
 1228
 1229
 1230
 1231
 1232
 1233
 1234
 1235
 1236
 1237
 1238
 1239
 1240
 1241
 1242
 1243
 1244
 1245
 1246
 1247
 1248
 1249
 1250
 1251
 1252
 1253
 1254
 1255
 1256
 1257
 1258
 1259
 1260
 1261
 1262
 1263
 1264
 1265
 1266
 1267
 1268
 1269
 1270
 1271
 1272
 1273
 1274
 1275
 1276
 1277
 1278
 1279
 1280
 1281
 1282
 1283
 1284
 1285
 1286
 1287
 1288
 1289
 1290
 1291
 1292
 1293
 1294
 1295
 1296
 1297
 1298
 1299
 1300
 1301
 1302
 1303
 1304
 1305
 1306
 1307
 1308
 1309
 1310
 1311
 1312
 1313
 1314
 1315
 1316
 1317
 1318
 1319
 1320
 1321
 1322
 1323
 1324
 1325
 1326
 1327
 1328
 1329
 1330
 1331
 1332
 1333
 1334
 1335
 1336
 1337
 1338
 1339
 1340
 1341
 1342
 1343
 1344
 1345
 1346
 1347
 1348
 1349
 1350
 1351
 1352
 1353
 1354
 1355
 1356
 1357
 1358
 1359
 1360
 1361
 1362
 1363
 1364
 1365
 1366
 1367
 1368
 1369
 1370
 1371
 1372
 1373
 1374
 1375
 1376
 1377
 1378
 1379
 1380
 1381
 1382
 1383
 1384
 1385
 1386
 1387
 1388
 1389
 1390
 1391
 1392
 1393
 1394
 1395
 1396
 1397
 1398
 1399
 1400
 1401
 1402
 1403
 1404
 1405
 1406
 1407
 1408
 1409
 1410
 1411
 1412
 1413
 1414
 1415
 1416
 1417
 1418
 1419
 1420
 1421
 1422
 1423
 1424
 1425
 1426
 1427
 1428
 1429
 1430
 1431
 1432
 1433
 1434
 1435
 1436
 1437
 1438
 1439
 1440
 1441
 1442
 1443
 1444
 1445
 1446
 1447
 1448
 1449
 1450
 1451
 1452
 1453
 1454
 1455
 1456
 1457
 1458
 1459
 1460
 1461
 1462
 1463
 1464
 1465
 1466
 1467
 1468
 1469
 1470
 1471
 1472
 1473
 1474
 1475
 1476
 1477
 1478
 1479
 1480
 1481
 1482
 1483
 1484
 1485
 1486
 1487
 1488
 1489
 1490
 1491
 1492
 1493
 1494
 1495
 149

REPORTING LOCATION: WCM
USRA TAG, ADAMSVILLE, NC

DRY BULB TEMPERATURE: 30.0
RELATIVE HUMIDITY: 55% AMT

STATION NUMBER: 222272 STATION NAME: DOWNS AREA 34
EST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL DAYS	MEAN TEMPERATURE LST
00-02	33.0	7.191	20	1
03-05	34.3	7.523	274	1
06-08	33.0	7.612	275	1
09-11	37.0	7.356	275	1
12-14	44.3	7.926	275	1
15-17	46.4	10.256	275	1
18-20	42.3	7.714	274	1
21-23	30.7	7.103	271	1
ALL HOURS	40.3	10.200	2270	1

00-02	43.3	8.155	275	1
03-05	30.4	10.256	274	1
06-08	37.5	10.564	275	1
09-11	43.4	10.462	275	1
12-14	43.3	11.136	275	1
15-17	52.3	11.543	275	1
18-20	43.3	10.795	275	1
21-23	44.1	10.161	275	1
ALL HOURS	43.7	11.740	5354	7

DAY-GLY TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

1954

PERIOD OF RECORD: JUN 73 - MAY 74
 MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES 0-5 F TOTAL
 0-5 6-32 33-65 66-87 88-93 40000

0	0	0	0	0	20
1	103	0	0	0	274
2	370	0	0	0	135
3	224	0	0	0	113
4	23	10	0	0	853
5	0	21	0	0	549
6	124	0	0	0	144
7	212	0	0	0	541
8	100	34	0	0	5675

MONTH: FEB

0	0	0	0	0	0
1	12	0	0	0	211
2	243	2	0	0	349
3	135	7	0	0	549
4	12	77	0	0	549
5	29	135	0	0	349
6	53	52	0	0	549
7	117	3	0	0	549
8	713	275	0	0	5264

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE, NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA
LST TO UTC: + 5

DATE
MONTH

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HRS LST TO LST	LST TO LST
00-02	50.0	9.000	0	0	
03-05	45.7	9.390	270	0	10
06-08	45.5	7.413	930	0	12
09-11	52.5	7.517	930	0	10
12-14	59.2	10.233	730	0	7
15-17	61.7	10.395	930	0	5
18-20	57.9	8.957	930	0	5
21-23	52.4	9.005	930	0	11
ALL HOURS	54.4	11.211	5050	0	105

00-02	50.0	9.000	0	0	
03-05	52.7	8.297	350	0	7
06-08	53.0	8.366	900	0	10
09-11	61.5	8.640	900	0	5
12-14	67.1	8.977	730	0	5
15-17	69.1	9.296	900	0	5
18-20	65.5	8.868	900	0	5
21-23	59.4	7.742	767	0	5
ALL HOURS	62.1	10.459	5623	0	10

WYOMING TEMPERATURE SUMMARY
 MONTHLY OBSERVATIONS

WYOMING

PERIOD OF RECORD: JULY 78 - MAY 84
 MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
 LE 0 LE 32 GE 65 GE 80 GE 93 HOURS

0	0	0	0	0	0
0	19	3	0	0	277
0	22	11	0	0	930
0	19	37	0	0	930
0	7	304	0	0	930
0	0	401	18	0	930
0	0	252	0	0	930
0	11	70	0	0	930
0	125	1147	20	0	5659

MONTH: APR

0	0	0	0	0	0
0	2	23	0	0	356
0	10	70	0	0	900
0	0	331	0	0	900
0	0	554	55	0	900
0	0	631	125	0	900
0	0	433	40	0	900
0	0	219	0	0	757
0	12	2331	247	0	5623

OPERATING LOCATION: MAW
USAFETAC, ASH-VILL NC

DRY BULB TEMPERATURE SUMMA
FROM 1 JULY 1954 TO 1 JULY 1955

STATION NUMBER: 722270 STATION NAME: DUMMINS AFB GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LST TO UTC
00-02	72.7	1.522	5	0
03-05	69.9	6.437	544	0
06-08	62.6	6.373	930	0
09-11	71.0	6.130	930	0
12-14	75.9	6.249	930	0
15-17	77.2	6.521	920	0
18-20	73.6	6.415	922	0
21-23	68.3	6.555	613	0
ALL HOURS	70.6	6.475	5644	0

00-02	6.0	6.000	0	0
03-05	60.9	6.645	540	0
06-08	70.5	6.636	900	0
09-11	73.4	6.275	900	0
12-14	73.0	6.356	900	0
15-17	74.5	6.530	900	0
18-20	81.1	6.391	900	0
21-23	75.7	4.323	600	0
ALL HOURS	73.1	7.505	5640	0

NAVY JUNE TEMPERATURE SUMMARY

FROM HOURLY OBSERVATIONS

W. S. SA

PERIOD OF RECORD: JUN 71 - MAY 66

MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 3 LT 30 GE 65 GE 60 GE 73 HOURS

0	0	3	0	0	3
0	0	200	0	0	588
0	0	417	0	0	930
0	0	735	65	0	930
0	0	000	305	0	930
0	0	894	373	0	925
0	0	851	155	0	922
0	0	427	7	0	613
0	0	4520	915	0	5144

MONTH: JUN

0	0	0	0	0	0
0	0	458	0	0	540
0	0	797	19	0	900
0	0	853	320	1	900
0	0	900	631	23	900
0	0	000	750	51	900
0	0	000	556	0	900
0	0	597	120	0	600
0	0	5445	2506	84	5540

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUM
FROM HOURLY OBSERVATION

STATION NUMBER: 722270 STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LST
00-02	53.0	.000	3	0
03-05	72.5	3.713	567	0
06-08	73.2	4.117	725	0
09-11	61.2	5.534	930	0
12-14	65.1	6.150	930	0
15-17	66.9	6.933	930	0
18-20	63.2	5.577	930	0
21-23	73.4	5.051	623	0
ALL HOURS	60.9	7.623	5839	0
00-02	72.2	2.437	5	0
03-05	71.5	3.324	537	0
06-08	72.1	3.722	930	0
09-11	72.5	5.245	930	0
12-14	64.5	5.312	930	0
15-17	65.4	6.125	930	0
18-20	61.5	5.691	930	0
21-23	76.5	4.379	524	0
ALL HOURS	79.3	7.245	5839	0

DAY-BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION: 345 SA PERIOD OF RECORD: JUN 76 - MAY 88
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 0 LE 32 GE 65 GE 80 GE 93 HOURS

0	0	3	0	0	3
0	0	547	17	0	557
0	0	914	10	0	925
0	0	927	607	9	936
0	0	927	614	103	930
0	0	927	734	110	930
0	0	930	671	54	930
0	0	623	234	0	623
0	0	5793	3257	345	5429

MONTH: AUG

0	0	5	0	0	5
0	0	544	4	0	552
0	0	903	20	0	930
0	0	925	458	5	930
0	0	927	752	73	930
0	0	929	771	111	930
0	0	927	579	27	930
0	0	622	171	0	624
0	0	5757	2740	222	5433

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

DRY BULB TEMPERATURE SUMMA
FROM DAILY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL SJS	MEAN NUMBER OF LST TO UTC
00-02	65.5	6.722	4	0
03-05	64.9	6.520	643	0
06-08	65.5	6.527	900	0
09-11	73.3	6.859	600	0
12-14	73.5	7.279	800	0
15-17	73.7	7.351	700	0
18-20	74.9	7.009	900	0
21-23	70.1	6.200	602	0
ALL HOURS	73.0	6.633	5640	0

00-02	60.0	6.000	0	0
03-05	64.5	6.376	541	0
06-08	64.5	6.307	930	0
09-11	62.5	7.576	930	0
12-14	59.2	7.707	630	0
15-17	70.4	7.553	930	0
18-20	64.2	7.353	930	0
21-23	59.6	7.107	650	0
ALL HOURS	62.8	6.712	5456	0

WY 1963 TEMPERATURE SUMMARY
FROM 1000 HRS OBSERVATIONS

PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LT 0 LT 32 GE 65 GE 80 GE 93 HOURS

0	0	2	0	0	4
0	0	323	0	0	343
0	0	570	0	0	570
0	0	631	145	0	776
0	0	860	435	0	1295
0	0	875	443	7	1325
0	0	622	240	0	862
0	0	447	19	0	466
0	0	4737	1377	7	6121

MONTH: OCT

0	0	0	0	0	0
0	0	76	0	0	76
0	0	115	0	0	115
0	0	381	12	0	393
0	0	665	91	0	756
0	0	717	104	0	821
0	0	452	16	0	468
0	0	170	0	0	170
0	0	2576	223	0	2799

OPERATING LOCATION NAME
USAFETAC, ASHVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DUBBINS ARB GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LST	PERCENT
00-02	47.8	5.837	17	0	100
03-05	48.2	10.109	242	0	100
06-08	47.6	9.793	900	0	100
09-11	54.0	9.936	900	0	100
12-14	50.7	9.202	900	0	100
15-17	51.7	9.137	900	0	100
18-20	56.0	8.433	900	0	100
21-23	52.0	9.703	900	0	100
ALL HOURS	55.0	10.337	5500	0	100

00-02	39.3	5.066	0	0	0
03-05	34.7	10.433	247	0	100
06-08	39.3	10.774	413	0	100
09-11	44.0	9.944	413	0	100
12-14	50.7	9.714	413	0	100
15-17	52.3	9.717	413	0	100
18-20	47.2	9.274	413	0	100
21-23	43.6	9.571	413	0	100
ALL HOURS	45.6	10.827	5131	0	100

DAY-TIME TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

LAKE-USA

PERIOD OF RECORD: JUN 71 - MAY 72
MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES BETWEEN
LEAST 1 20 30 40 50 60 70 80 90 100

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470

OPERATING LOCATION: WAM
USAFETAC, ASHVILLE, NC

DRY BULB TEMPERATURE: 61.9
RELATIVE HUMIDITY: 43.0

STATION NUMBER: 702170

STATION NAME: 21-116 N-1-11
EST ID: JFC: + 5

HOURS EST	MEAN	STANDARD DEVIATION	TOTAL FCS	STATION NUMBER	STATION NAME
00-02	61.9	14.019	57	1	1-11
03-05	63.3	14.034	5357	1	1-11
06-08	67.1	13.742	10793	1	1-11
09-11	62.0	15.170	10797	1	1-11
12-14	67.3	15.161	10795	1	1-11
15-17	66.3	15.117	10793	1	1-11
18-20	66.0	15.100	10791	1	1-11
21-23	61.0	15.300	500	1	1-11
ALL TOTALS	62.6	14.004	57977	1	1-11

MOON TEMPERATURE SUMMARY
 FROM JULY 1955 (PAST 10)

PERIOD OF RECORD: JUL 74 - MAY 57
 MONTH: ALL

.....					
MEAN NUMBER OF HOURS WITH TEMPERATURES OVER TOTAL					
20 32 55 70 83 100'S					
.....					
0	0	15	0	0	57
1	2.1	21.0	21	0	5527
5	47.0	50.0	12	0	107.0
0	47.5	52.0	171.0	17	107.07
5	17.0	55.30	31.00	20.0	107.35
0	11.3	50.02	34.01	30.0	107.73
0	20.0	50.0	20.00	0.0	107
1	44.7	33.75	0.01	0	107.7
5	17.3	50.05	11.01	0.0	107.77
.....					

OPERATING LOCATION "A"
 DEATHWELL, ASH MILL

REFUGED TEMPERATURE 10000
 10000 JULY 1950

STATION NUMBER: 722273 STATION NAME: DEATHWELL AREA 14
 LOT TO LOT: 1-1

GROUPS LOT	MEAN	STANDARD DEVIATION	TOTAL	MEAN TO LOT	STANDARD DEVIATION
00-02	35.5	0.239	23	7	
03-05	31.7	10.008	274	14.9	1
06-08	31.2	0.022	10	4.2	1
09-11	33.9	0.011	103	3.1	1
12-14	37.7	0.223	103	3.1	
15-17	35.1	0.052	103	2.3	1
18-20	35.5	0.141	104	2.3	1
21-23	34.1	0.115	101	3.2	1
ALL GROUPS	35.3	0.745	518	21.5	

00-02	43.1	8.472	1	0	
03-05	35.5	10.451	101	1.1	
06-08	35.5	10.79	42	3.3	1
09-11	38.7	17.239	103	2.7	17
12-14	42.2	0.175	103	1.7	17
15-17	43.2	0.024	103	1.8	17
18-20	41.2	0.371	104	1.3	17
21-23	39.0	10.034	104	2.0	17
ALL GROUPS	39.4	10.423	530	14.6	131

ALT. SOIL TEMPERATURE SUMMARY
 4-34 JULY OBSERVATIONS

AREA 34

PERIOD OF RECORD: JUN 74 - MAY 93
 MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
 LE 32 GE 60 37 67 68 73 GE 80 HOURS

7	3	0	0	0	20
140	12	0	0	0	274
435	29	0	0	0	464
331	45	0	0	0	376
281	54	0	0	0	335
235	105	0	0	0	340
200	73	0	0	0	273
350	47	0	0	0	397
2134	399	0	0	0	5536

MONTH: FEB

0	0	0	0	0	0
101	01	0	0	0	251
300	107	0	0	0	407
247	130	0	0	0	377
157	100	0	0	0	257
159	234	0	0	0	393
122	175	0	0	0	347
260	137	0	0	0	397
1459	1010	0	0	0	5369

OPERATING LOCATION: "AW"
USAFETAG, ARNAVILLE- NC

NET FIELD TEMPERATURE SUMMARY
FROM REGULARLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: DRAKINS AR- 34
LST TO UTC: + 5

DATE:
1961-11

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LCS	NO. OF OBS
00-02	40.0	3.000	0	0	0
03-05	41.5	3.614	273	49	1
06-08	41.5	3.559	430	173	210
09-11	45.0	3.352	930	59	500
12-14	49.1	3.910	930	29	400
15-17	50.0	3.472	930	20	400
18-20	47.1	3.540	930	34	411
21-23	45.5	3.757	730	53	410
ALL HOURS	45.4	3.500	5450	443	2070

00-02	40.0	3.000	0	0	0
03-05	40.2	3.644	350	11	100
06-08	40.5	3.677	300	20	400
09-11	53.0	3.014	900	12	511
12-14	55.1	7.351	300	2	700
15-17	55.5	7.110	900	0	700
18-20	54.0	7.321	900	1	600
21-23	51.6	7.790	700	11	450
ALL HOURS	52.7	5.104	5600	56	3500

NET DAILY TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION 1A

PERIOD OF RECORD: JUN 74 - MAY 75
MONTH: APR

.....
MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 52 GE 59 GE 67 GE 73 GE 80 HOURS
.....

0	0	0	0	0	0
49	60	0	0	0	279
173	212	0	0	0	440
59	346	3	0	0	930
29	433	11	0	0	930
75	470	1	0	0	930
34	411	4	0	0	930
13	410	0	0	0	930
443	2279	24	0	0	5450

.....
MONTH: APR

0	0	0	0	0	0
11	159	1	2	0	365
29	420	0	0	0	930
12	511	21	0	0	930
2	701	33	0	0	930
0	707	35	0	0	930
1	632	13	0	0	930
11	453	3	0	0	767
55	3924	111	0	0	5623

OPERATING LOCATION: "A"
USAFETAG, ASHEVILLE, NC

NET ROLP TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: JMW-105 AFB GA

PERIOD:

LST TO UTC: + 5

MONTH:

.....					
HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS	
LST		DEVIATION	335	LT 32	GT 30
.....					
00-02	52.7	5.577	3	0	4
03-05	57.1	5.250	584	0	433
06-08	58.1	5.773	930	0	785
09-11	52.2	5.935	930	0	727
12-14	53.9	5.895	930	0	624
15-17	54.1	5.332	923	0	721
18-20	52.3	5.653	922	0	715
21-23	51.1	5.124	515	0	4
ALL					
HOURS	51.5	5.482	5844	0	3535
.....					

.....					
HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS	
LST		DEVIATION	335	LT 32	GT 30
.....					
00-02	5.0	5.000	0	0	0
03-05	55.5	4.967	540	0	534
06-08	55.4	4.793	900	0	777
09-11	59.7	4.417	900	0	723
12-14	70.5	4.105	900	0	723
15-17	70.6	3.835	900	0	720
18-20	59.7	3.992	900	0	720
21-23	53.4	4.175	600	0	520
ALL					
HOURS	55.0	4.632	5840	0	5531
.....					

NET CULP TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

1-5-64 PERIOD OF RECORD: JUN 73 - MAY 94
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 32 GE 40 GE 67 GE 73 GE 80 HOURS

0	3	0	0	0	3
0	488	34	0	0	558
0	435	35	0	0	430
0	301	245	14	0	930
0	424	349	33	0	950
0	321	352	30	0	921
0	233	259	24	0	722
0	144	135	0	0	513
0	5535	1491	103	0	6344

MONTH: JUN

0	0	0	0	0	0
0	534	245	3	0	540
0	577	524	45	0	920
0	990	712	242	0	920
0	990	760	317	0	920
0	990	755	302	0	920
0	990	724	215	1	920
0	520	443	39	0	600
0	5531	4217	1213	1	6540

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FOR DAILY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DORRIS APR GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF WIND LST 30 5 10 15 20 25
00-02	64.0	.000	3	0
03-05	64.0	3.330	557	0
06-08	60.5	3.430	925	0
09-11	72.3	3.441	930	0
12-14	73.7	3.339	930	0
15-17	73.5	3.252	930	0
18-20	72.4	3.285	930	0
21-23	71.3	3.202	523	0
ALL HOURS	71.0	3.727	5020	0

00-02	69.2	1.493	5	0
03-05	67.3	3.312	552	0
06-08	62.2	3.302	930	0
09-11	71.5	3.365	930	0
12-14	72.5	3.133	930	0
15-17	72.4	3.035	930	0
18-20	71.5	2.935	929	0
21-23	70.3	3.120	624	0
ALL HOURS	70.4	3.515	5837	0

NET MILES TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

11-5A

PERIOD OF RECORD: JUN 73 - MAY 80
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 32 GE 60 GE 67 GE 73 GE 80 HOURS

0	3	0	0	0	3
0	557	425	71	0	557
0	425	732	162	0	425
0	930	472	539	10	930
0	920	497	543	23	930
0	930	595	617	21	930
0	930	472	430	11	930
0	623	571	232	1	623
0	5429	5215	2744	56	5429

MONTH: AUG

0	5	5	0	0	5
0	550	407	30	0	550
0	930	594	59	0	930
0	930	555	374	0	930
0	930	885	530	3	930
0	930	585	502	1	930
0	920	470	379	0	920
0	624	550	148	0	624
0	5337	5172	2021	4	5337

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

NET BULB TEMPERATURE SUMMARY
FROM 400 HRS OBSERVATION

STATION NUMBER: 722270

STATION NAME: DORRIS AFB GA
LST TO UTC: + 5

2041
1961

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32 50 100	
00-02	57.3	7.805	4	0	4
03-05	51.7	6.973	541	0	541
06-08	52.1	6.035	900	0	900
09-11	55.0	6.235	900	0	900
12-14	57.5	6.792	900	0	900
15-17	57.7	6.616	900	0	900
18-20	56.3	6.922	900	0	900
21-23	56.6	6.224	502	0	502
ALL HOURS	55.4	6.607	5547	0	5547

00-02	0	0.000	0	0	0
03-05	51.7	6.943	541	3	514
06-08	51.6	6.939	930	5	925
09-11	55.2	7.275	930	0	733
12-14	53.9	7.429	930	0	824
15-17	59.1	7.214	930	0	88
18-20	56.0	7.696	930	0	753
21-23	54.0	7.953	655	0	446
ALL HOURS	55.9	6.432	5855	3	4472

NET SOIL TEMPERATURE SUMMARY
 4000 HOURS OBSERVATIONS

STATION: 1A PERIOD OF RECORD: JUN 74 - MAY 84
 MONTH: SEP

.....					
MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					
LE 32	GE 50	GE 57	GE 73	GE 80	TOTAL HOURS
.....					
0	4	1	0	0	4
0	506	176	3	0	541
0	497	303	5	0	490
0	493	499	114	0	900
0	499	472	201	1	900
0	500	574	127	0	900
0	505	513	115	0	900
0	495	230	34	0	502
0	5541	2933	574	1	5547

.....
 MONTH: OCT

.....					
LE 32	GE 50	GE 57	GE 73	GE 80	TOTAL HOURS
.....					
3	0	0	0	0	0
3	314	31	1	0	541
5	522	45	2	0	930
0	733	101	20	0	930
0	424	154	24	0	930
0	438	154	20	0	930
0	755	101	20	0	930
0	446	47	9	0	565
3	4472	653	105	0	5155

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBHINS AFB GA
LST TO UTC: + 5

2-4-1
1951

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LST 12 5 10
00-02	54.2	5.890	17	0 14
03-05	45.2	10.709	282	39 17
06-08	44.3	10.325	900	110 313
09-11	43.3	9.225	900	27 42
12-14	52.1	8.599	900	12 57
15-17	52.2	8.520	900	2 57
18-20	49.7	8.753	900	17 45
21-23	47.5	8.637	900	35 37
ALL HOURS	49.0	9.672	5500	250 273

00-02	33.3	5.065	4	3 3
03-05	35.7	10.621	247	33 39
06-08	36.4	11.007	313	324 117
09-11	39.5	10.351	313	203 143
12-14	43.3	9.723	313	34 254
15-17	43.9	9.501	313	33 273
18-20	41.3	9.735	313	140 159
21-23	39.2	9.731	313	205 125
ALL HOURS	40.4	10.497	5131	1150 1005

1. JULY TEMPERATURE SUMMARY
 2. JULY OBSERVATIONS

PERIOD RECORDED: JUN 76 - MAY 86
 MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL					
LE 32	37-50	56-67	68-73	74-80	HOURS
0	16	0	0	0	17
38	104	2	0	0	242
100	313	4	0	0	400
27	420	12	0	0	500
12	534	23	0	0	600
9	617	15	0	0	690
17	439	5	0	0	500
15	357	5	0	0	490
250	2733	70	0	0	3500

MONTH: DEC

3	0	0	0	0	3
93	32	0	0	0	247
324	110	0	0	0	413
204	143	0	0	0	413
04	204	0	0	0	413
03	223	3	0	0	413
140	160	0	0	0	413
205	125	0	0	0	413
1150	1005	3	0	0	5131

OPERATING LOCATION "A"
 JSAPETAC, ASHVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM JULY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: HARRIS ARS GA
 LST TO LTC: + 5

DATE
 8/2/70

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN, NUMBER OF HOURS LST TO LTC	STANDARD DEVIATION
00-02	47.8	13.340	47	10	30
03-05	54.3	14.102	5025	445	335
06-08	51.8	15.373	15743	1515	5115
09-11	55.2	18.136	10797	754	595
12-14	57.8	14.040	10735	545	377
15-17	57.9	13.830	10793	412	777
18-20	55.2	14.141	10767	551	7214
21-23	52.1	14.500	557	100	1100
ALL HOURS	55.1	14.555	57024	5525	45671

ALTITUDE TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION

PERIOD OF RECORD: JULY 76 - MAY 83
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES 95°F. OR
LESS

10 32 6 2 2 67

445 3350 1363 113 2 5025

1815 5115 2400 273 0 10763

254 6994 3321 1303 12 10747

243 7070 3592 1740 27 10760

412 7705 3701 1877 22 10743

551 7214 3433 1233 12 10747

100 6067 2084 510 1 1063

5525 43371 12950 2065 72 67024

OPERATING LOCATION: WAW
USARFAC, ASH-VILLE, NC

NEW POINT ITAP: 1400000, 1400000
FROM SUPPLY GAS VARIATIONS

STATION NUMBER: 722720

STATION NAME: 300013 ASH-VILLE
EST. TO UTC: + 5

1400000
1400000

GROUPS EST	MEAN	STANDARD DEVIATION	TOTAL GAS	MEAN NUMBER EST	MEAN EST
00-02	26.1	13.529	20	1	
03-05	26.1	13.522	274	140	140
06-08	26.5	13.249	400	400	140
09-11	26.5	13.437	400	400	140
12-14	27.1	13.940	300	400	200
15-17	26.9	14.041	400	400	200
18-20	26.9	13.750	400	400	200
21-23	26.7	13.320	400	400	200
ALL GROUPS	26.5	13.559	1600	2400	1400
00-02	30.4	14.375	0	0	0
03-05	30.9	13.912	261	100	0
06-08	30.5	13.549	440	375	200
09-11	31.4	13.900	440	331	300
12-14	31.5	14.350	440	317	300
15-17	31.5	14.527	440	345	200
18-20	31.1	14.334	440	342	200
21-23	31.2	13.874	440	308	300
ALL GROUPS	31.2	14.092	5364	2100	1900

POINT TEMPERATURE SUMMARY
 FROM JULY OBSERVATIONS

STATION: 6A PERIOD OF RECORD: JUN 7 - MAY 35
 MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
 LE 27 31 37 LE 55 56 59 HOURS

0	0	10	0	20
148	63	250	0	274
422	155	473	0	375
463	227	572	0	445
455	222	470	0	433
453	233	467	0	443
455	246	472	0	494
453	230	460	0	481
2940	1496	5511	0	5590

MEAN: 54.3

0	4	0	0	849
125	22	251	0	349
373	270	313	0	343
331	315	412	0	449
317	310	735	0	548
345	295	798	0	649
343	279	400	0	449
354	303	515	0	449
2159	1990	5093	0	5364

OPERATING LOCATION "AW"
USAF TAC, ASH-VILLE NC

DOW-POINT TEMPERATURE SUMMARY
FROM 1000ZLY 1951 TO 0000ZLY 1952

STATION NUMBER: 732270

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

4-11
MONTH

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURLY LF 27 00 37	
00-02	36.0	12.000	0	0	
03-05	36.1	12.325	277	74	131
06-08	36.4	12.206	930	237	441
09-11	37.0	12.050	930	239	447
12-14	36.0	13.048	930	227	420
15-17	37.4	13.017	930	239	470
18-20	37.0	12.613	930	244	475
21-23	37.4	12.189	930	222	500
ALL HOURS	37.3	12.733	5487	1472	2772

00-02	36.0	12.000	0	0	
03-05	43.4	10.065	355	15	207
06-08	43.7	10.970	900	71	525
09-11	44.0	11.373	900	53	557
12-14	44.3	11.257	900	55	549
15-17	43.2	11.353	900	71	523
18-20	43.1	11.527	900	75	537
21-23	43.0	11.049	767	50	551
ALL HOURS	43.3	11.259	5623	446	4033

LOW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION: 5A PERIOD OF RECORD: JUN 73 - MAY 54
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	OF 37	LE 55	GE 65	HOURS
0	0	0	0	0
74	131	262	0	279
237	438	857	0	930
229	477	840	3	930
227	490	835	3	930
239	479	843	0	930
244	475	855	0	930
222	502	856	0	930
1672	1072	5353	6	5459

MONTH: APR

0	0	0	0	900
25	247	304	4	900
71	539	757	5	900
53	557	723	12	900
55	549	732	13	900
71	523	737	9	900
35	537	730	7	900
50	551	529	7	900
446	4033	4622	52	5623

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LT 27 3- 37	
00-02	55.7	5.877	3	0	0
03-05	54.1	5.405	540	0	575
06-08	54.7	5.365	930	0	910
09-11	55.2	5.507	930	0	912
12-14	55.0	5.544	930	0	914
15-17	55.3	5.761	925	0	912
18-20	55.4	5.832	922	0	901
21-23	55.0	5.607	513	2	501
ALL HOURS	55.4	5.657	5844	2	5727

MONTH					
00-02	0	0.000	0	0	0
03-05	53.5	5.757	540	0	540
06-08	54.0	5.797	900	0	900
09-11	55.1	5.074	900	0	900
12-14	54.2	5.054	900	0	900
15-17	53.4	5.121	900	0	900
18-20	53.7	5.155	900	0	900
21-23	54.4	5.373	500	0	500
ALL HOURS	54.1	5.059	5540	0	5540

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

LAKE ARTHUR

PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: MAY

.....				
MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
.....				
0	3	0	0	3
0	575	301	50	558
0	910	446	95	930
0	912	406	152	930
0	914	421	150	930
0	912	437	146	926
0	901	430	149	922
2	501	271	100	513
2	729	2714	652	5544

MONTH: JUN

.....				
0	0	0	0	900
0	540	50	301	900
0	900	97	517	900
0	900	95	573	900
0	900	95	495	900
0	900	111	455	900
0	900	111	476	900
0	500	61	357	900
0	5640	523	3135	5540

OPERATING LOCATION: MAW
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DIBBINS AFB GA
LST TO UTC: + 5

PERIOD:
MONTH:

.....					
HOURS	MEAN	STANDARD	TOTAL	MEAN	NUMBER OF HOURS
LST		DEVIATION	045	LT 27	31-37
.....					
00-02	61.3	.577	3	0	3
03-05	67.0	3.760	557	0	557
06-08	67.5	3.955	925	0	925
09-11	68.9	3.874	930	0	930
12-14	68.1	4.011	930	0	930
15-17	67.3	4.175	930	0	930
18-20	67.4	4.220	930	0	930
21-23	67.9	3.770	623	0	623
ALL					
HOURS	67.8	4.035	5429	0	5429
.....					

PERIOD:

.....					
HOURS	MEAN	STANDARD	TOTAL	MEAN	NUMBER OF HOURS
LST		DEVIATION	045	LT 27	31-37
.....					
00-02	67.5	.894	5	0	5
03-05	66.1	4.030	550	0	550
06-08	66.1	4.045	930	0	930
09-11	67.5	3.975	930	0	930
12-14	67.0	4.033	930	0	930
15-17	66.2	4.200	930	0	930
18-20	66.4	4.141	929	0	929
21-23	67.1	3.932	624	0	624
ALL					
HOURS	66.7	4.143	5937	0	5937
.....					

POINT TEMPERATURE SUMMARY
HOURLY OBSERVATIONS

1966 GA PERIOD OF RECORD: JUN 74 - MAY 84
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL				
LT 27	SE 37	LT 55	SE 55	HOURS
0	3	0	0	3
0	557	5	429	557
0	925	5	750	925
0	930	6	910	930
0	930	3	757	930
0	930	5	695	930
0	930	10	710	930
0	523	3	519	523
0	5529	43	4575	5529

MONTH: AUG				
0	5	0	5	930
0	999	14	492	930
0	930	23	535	930
0	930	13	776	930
0	930	13	735	930
0	930	10	634	930
0	929	14	720	930
0	524	7	503	930
0	5837	103	4513	5837

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL HRS	MEAN NUMBER OF LL 27 31 47
00-02	50.5	10.985	4	0
03-05	59.5	7.287	541	0
06-08	59.2	7.325	900	0
09-11	51.5	7.930	900	2
12-14	51.3	7.977	900	2
15-17	50.7	7.623	900	1
18-20	51.3	7.534	900	1
21-23	51.1	7.554	512	1
ALL HOURS	50.9	7.894	5647	2

00-02	49.1	10.000	4	0
03-05	49.2	10.527	541	5
06-08	48.4	10.342	930	14
09-11	50.5	10.720	930	9
12-14	50.5	11.233	930	20
15-17	50.0	11.511	930	20
18-20	50.0	10.735	930	16
21-23	50.7	10.121	650	5
ALL HOURS	50.1	10.937	5455	97

NEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION 34

PERIOD OF RECORD: JUN 75 - MAY 31
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
LE 27 33 37 LE 55 62 55 HOURS

	0	4	3	1	4
0	540	151	153		541
0	108	223	317		300
0	107	201	401		400
0	397	217	333		900
0	407	224	372		1000
0	100	213	355		1000
	502	147	245		500
0	5335	1384	2250		5467

MONTH: OCT

	0	0	0	0	030
0	474	373	43		430
14	813	674	55		730
0	536	591	33		730
10	412	590	5		730
25	792	513	70		730
16	327	593	33		730
0	501	442	54		730
07	5155	3371	492		5356

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE STATION 7
FROM 400000Z 1957 TO 1957

STATION NUMBER: 722270 STATION NAME: DEBBINS AREA GA
LST TO UTC: + 5

1957
400000Z

GROUPS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LST 27 1957-1957	
00-02	41.5	5.691	17	0	17
03-05	41.7	13.012	232	61	171
06-08	41.4	12.465	900	130	770
09-11	43.2	12.445	700	73	627
12-14	43.3	13.239	900	153	747
15-17	42.5	13.523	900	154	746
18-20	42.3	12.731	900	173	727
21-23	42.5	12.499	900	110	790
ALL 400000Z	42.5	12.770	5549	707	4842

00-02	24.0	5.542	5	3	2
03-05	31.0	13.134	247	0	247
06-08	31.7	13.573	613	343	270
09-11	33.0	13.354	319	305	314
12-14	33.4	14.447	313	319	337
15-17	32.0	14.501	313	331	336
18-20	33.0	13.245	313	311	315
21-23	32.4	13.315	313	317	276
ALL 400000Z	32.7	13.234	5131	2014	1936

NEW POINT TEMPERATURE SUMMARY
 HOURLY OBSERVATIONS

STATION: 011 PERIOD OF RECORD: JUL 78 - MAY 84
 MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 27	LE 55	GE 55	HOURS
0	17	11	0	17
41	171	223	4	232
130	149	747	0	630
75	635	715	12	930
139	608	699	16	700
154	658	711	15	900
123	674	712	11	700
112	587	714	8	700
707	5994	4535	75	5527

CONTINUED

3	0	5	0	613
45	94	232	0	613
143	267	755	0	613
305	306	745	0	613
312	337	755	0	613
331	335	753	0	613
311	315	764	2	613
307	276	755	1	613
2014	1036	4783	3	6131

OPERATING LOCATION: "A"
USAFETAC, ASHVILLE, NC

DEVELOPMENT OF OPERATING SUMMARY
FROM 1 JULY 65 TO 11 JUL 65

STATION NUMBER: 722270 STATION NAME: DUBOIS AFB, GA
LST TO UTC: + 5

2001
HOUR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL BPS	MEAN L 27 57 7	STANDARD DEVIATION
00-02	43.5	15.264	57	11	55
03-05	51.5	16.160	5025	500	400
06-08	47.9	17.470	10700	1000	700
09-11	46.3	17.715	10767	1000	700
12-14	49.1	17.573	10700	1045	700
15-17	48.4	17.540	10700	1000	700
18-20	48.6	17.510	10707	1000	700
21-23	46.4	17.640	10767	1000	700
ALL HOURS	48.6	17.517	67924	2000	400

W. D. H. T. OPERATIVE SUMMARY
 1941 JULY 195 MILLIONS

PERIOD OF RECORD: JUL 7 - MAY 46
 MONTH: ALL

.....				
MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 17	37	LE 58	58 65	1949
.....				
11	44	41	6	57
500	4042	2481	1816	5025
1000	7736	6426	2447	10733
1000	7490	6070	2549	10747
1000	7349	6110	2643	10795
1000	7107	6136	2440	10723
1000	7047	6110	2531	10717
1000	6131	6000	1707	887
2000	4474	3400	16117	57424
.....				

OPERATING LOCATION: "A"
 WSAF-TV, ASHEVILLE, NC

CUMULATIVE PERCENTAGE FREQUENCY OF 100%
 5% TO 100% DAILY BASE VALUE

STATION NUMBER: 700070

STATION NAME: SHANNON AFB, GA
 LST TO UTC: + 5

.....									
HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
LST	10%	20%	30%	40%	50%	60%	70%		
00-02	100.0	100.0	100.0	100.0	95.0	85.0	60.0	40.0	
03-05	100.0	100.0	98.0	94.0	86.0	68.1	49.5	30.5	
06-08	100.0	100.0	98.0	94.0	87.0	70.0	52.4	34.6	
09-11	100.0	100.0	96.0	87.2	71.2	55.0	40.8	26.7	
12-14	100.0	96.0	83.7	62.0	49.0	36.1	27.0	16.0	
15-17	100.0	94.0	76.4	57.2	41.7	31.4	23.0	14.0	
18-20	100.0	94.0	81.0	71.0	56.0	41.1	30.4	20.0	
21-23	100.0	100.0	95.0	84.0	59.0	53.0	37.0	20.4	
ALL HOURS	100.0	96.7	81.0	77.1	63.0	49.0	35.0	21.0	
.....									

00-02	100.0	100.0	100.0	100.0	88.7	66.7	55.7	41.7	
03-05	100.0	100.0	100.0	90.0	75.0	72.0	56.7	30.0	
06-08	100.0	100.0	99.0	97.0	82.0	77.0	57.0	30.0	
09-11	100.0	99.0	96.0	86.0	72.0	56.4	40.0	23.0	
12-14	100.0	96.0	81.7	62.7	47.8	36.0	26.0	11.0	
15-17	99.0	94.0	70.0	52.0	41.7	33.0	25.4	10.0	
18-20	100.0	96.4	82.7	63.0	50.0	30.0	31.1	20.0	
21-23	100.0	100.0	95.0	80.0	66.0	50.4	37.0	20.0	
ALL HOURS	100.0	96.1	83.0	75.1	62.0	50.1	37.0	27.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

15 APR 68 PERIOD OF RECORD: JUN 71 - MAY 74
MONTH: JAN

.....						
GREATER THAN OR EQUAL TO						
	50%	70%	90%	95%	MEAN	TOTAL OBS
.....						
0	50.0	50.0	40.0	30.0	75.0	20
1	50.1	49.4	35.5	20.1	70.0	274
2	71.1	52.4	34.9	17.4	70.5	435
3	52.1	40.1	25.7	13.4	60.0	435
4	35.1	27.0	18.1	9.5	53.2	282
5	31.4	23.5	13.2	9.2	49.0	483
6	41.1	23.4	22.1	11.2	55.3	444
7	53.0	37.5	25.4	13.0	62.5	431
8	48.2	35.1	25.0	12.9	52.5	5555
.....						

MONTH: FEB

.....						
0	50.7	50.7	50.7	33.3	75.0	9
1	72.5	55.7	35.0	15.0	71.5	251
2	77.5	57.2	30.1	17.1	72.7	840
3	55.4	40.2	27.1	14.1	64.1	840
4	35.2	21.5	21.2	9.7	52.0	140
5	33.0	25.4	18.3	11.2	49.4	640
6	31.0	31.1	23.0	11.1	54.7	340
7	33.4	37.5	25.5	14.1	52.0	349
8	50.1	37.0	27.0	13.4	52.0	5344

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF 7000
FROM DAILY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DOUGLAS AFB GA
LST TO UTC: + 5

722270
DOUGLAS

.....									
HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
LST	10%	20%	30%	40%	50%	60%	70%	80%	
00-02									
03-05	100.0	100.0	99.6	97.1	92.2	78.6	53.6	29.7	1
06-08	100.0	100.0	99.9	97.7	90.2	73.3	50.7	32.7	1
09-11	100.0	99.9	96.1	82.0	63.7	40.6	23.7	12.9	
12-14	100.0	97.1	80.9	59.2	41.4	29.0	16.9	10.3	
15-17	100.0	93.9	69.1	47.3	34.5	22.7	15.8	10.2	
18-20	100.0	97.1	61.3	38.3	42.5	26.0	13.5	13.9	
21-23	100.0	100.0	97.2	84.2	64.4	44.8	26.2	15.9	
ALL HOURS	100.0	98.1	83.9	72.5	57.7	42.5	29.7	17.6	

00-02									
03-05	100.0	100.0	100.0	98.6	93.0	79.5	57.5	32.7	
06-08	100.0	100.0	100.0	98.4	91.3	80.3	66.6	34.7	1
09-11	100.0	100.0	95.7	73.9	50.9	43.7	25.2	14.7	
12-14	100.0	95.7	80.3	55.9	37.0	25.3	14.7	6.6	
15-17	100.0	95.1	69.2	44.7	30.3	21.2	14.1	6.6	
18-20	100.0	95.1	60.4	36.4	37.5	27.5	19.1	11.9	
21-23	100.0	100.0	94.0	75.2	54.0	43.0	23.3	16.2	
ALL HOURS	100.0	98.9	87.5	71.5	55.9	42.7	25.1	16.4	

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION: 04 PERIOD OF RECORD: JUN 73 - MAY 80
MONTH: MAR

.....					
HIGHER THAN OR EQUAL TO					
60%	70%	80%	90%	MEAN	TOTAL OBS
.....					
				0	0
70.6	53.6	29.7	10.0	59.4	279
73.3	56.7	32.7	10.6	70.6	930
77.4	33.7	19.9	7.8	59.7	930
79.0	18.9	10.3	6.3	43.6	930
80.7	15.7	10.2	4.3	44.4	930
81.3	19.8	13.2	5.3	49.1	930
84.8	26.8	15.2	7.2	59.5	930
88.6	29.7	17.3	6.8	59.5	1659
.....					

MONTH: APR

.....					
				0	0
79.5	57.5	32.7	9.7	71.5	355
80.3	58.6	34.7	10.6	71.5	900
83.2	26.8	14.7	4.8	55.2	900
85.5	16.7	8.6	2.3	47.9	900
88.2	14.1	6.7	2.3	42.9	900
89.6	19.1	11.0	3.2	47.7	900
93.7	29.3	15.2	4.5	59.4	767
97.7	29.1	16.4	5.0	58.4	5623

OPERATING LOCATION: "A"
HSAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

PERIOD: 1964
MONTH: MAY

.....									
.....	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
.....	10%	20%	30%	40%	50%	60%	70%	80%	90%
.....	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	100.0	100.0	33.3			
03-05	100.0	100.0	100.0	100.0	99.5	94.2	78.7	51.7	21.5
06-08	100.0	100.0	100.0	33.3	97.7	90.5	73.5	44.0	17.4
09-11	100.0	100.0	32.7	91.9	74.2	54.0	31.0	14.3	1.7
12-14	100.0	100.0	35.2	73.2	52.2	30.2	15.1	6.5	1.7
15-17	100.0	100.0	31.3	54.8	43.3	24.7	15.4	7.5	3.
18-20	100.0	100.0	95.9	73.9	53.2	33.6	22.2	11.0	4.7
21-23	100.0	100.0	92.5	97.2	86.0	63.3	42.4	21.5	7.
ALL									
HOURS	100.0	100.0	97.3	88.2	70.9	54.0	37.0	20.8	7.4
.....									

CONT: 1

.....									
00-02									
03-05	100.0	100.0	100.0	100.0	100.0	92.3	73.1	57.3	31.0
06-08	100.0	100.0	100.0	100.0	99.7	95.2	85.0	53.0	25.3
09-11	100.0	100.0	100.0	97.7	85.4	62.6	36.0	14.0	6.0
12-14	100.0	100.0	92.9	83.7	58.7	32.2	14.0	4.7	1.1
15-17	100.0	100.0	92.0	73.2	45.3	25.0	10.4	5.0	2.0
18-20	100.0	100.0	99.7	89.3	64.7	39.9	20.7	9.4	4.0
21-23	100.0	100.0	100.0	100.0	94.7	75.0	47.2	21.7	7.0
ALL									
HOURS	100.0	100.0	92.3	92.5	75.3	53.5	40.7	23.7	10.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY

LESS THAN OR EQUAL TO	60%	70%	80%	90%	MEAN	TOTAL OBS
58.3					57.0	3
64.2	76.7	51.7	21.3	78.7		589
70.1	72.3	44.0	17.4	75.3		730
76.0	31.9	14.3	2.7	61.2		730
81.9	15.1	6.5	1.7	51.9		930
87.7	15.4	7.5	3.3	49.4		725
93.6	22.2	11.0	4.7	55.5		922
99.5	42.4	21.5	7.8	55.2		612
105.4	37.0	20.9	7.5	55.2		5744

MONTH: JUN

LESS THAN OR EQUAL TO	60%	70%	80%	90%	MEAN	TOTAL OBS
58.3					58.3	0
64.2	93.1	57.4	31.5	53.3		540
70.1	85.0	53.6	25.3	50.5		900
76.0	36.9	14.8	5.0	55.1		900
81.9	16.5	4.7	2.1	54.7		900
87.7	10.4	5.3	2.3	51.2		900
93.6	20.7	9.4	4.0	57.4		900
99.5	47.2	21.7	7.2	59.2		600
105.4	40.7	23.7	10.0	69.2		5640

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUR-
RANCE FROM HOURLY OBSERVATIONS

27174

"J. T. : :

	1977-8								1978-9
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
03-05	100.0	100.0	100.0	100.0	99.6	99.7	93.4	81.4	24.1
06-07	100.0	100.0	100.0	100.0	99.7	91.4	90.6	81.0	9.0
08-11	100.0	100.0	100.0	99.7	95.2	77.3	42.6	16.7	0.0
12-14	100.0	100.0	99.5	94.3	74.0	37.0	13.4	4.5	1.0
15-17	100.0	100.0	99.5	90.2	62.2	30.0	14.1	4.9	1.0
18-20	100.0	100.0	99.9	95.2	82.9	67.7	29.7	11.9	4.0
21-23	100.0	100.0	100.0	100.0	95.1	85.3	60.1	27.7	0.0
ALL GROUPS	100.0	100.0	99.7	96.4	85.0	66.5	45.3	24.4	0.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION: 04 PERIOD OF RECORD: JUN 73 - MAY 82
MONTH: JUL

.....					
VALUES THAT ARE EQUAL TO					
50%	70%	80%	90%	MEAN	TOTAL OBS
.....					
100.0	100.0	83.3		79.0	3
99.1	94.4	71.3	19.4	83.0	557
94.3	80.7	59.2	15.8	81.1	926
74.6	41.5	14.6	1.0	87.3	930
33.9	14.4	4.6	.4	86.4	930
23.7	10.2	3.1	1.0	84.1	930
4.2	23.7	13.8	0.0	80.9	930
5.7	54.3	24.7	5.6	71.3	523
64.0	45.4	25.4	5.0	71.3	5929
.....					

.....					
MONTH: AUG					
.....					
100.0	100.0	100.0	40.0	85.4	5
61.7	83.4	61.4	24.3	82.5	559
5.4	50.5	61.0	20.6	81.5	930
27.3	42.6	14.7	2.7	84.0	930
37.0	13.4	4.7	1.0	87.0	930
50.0	14.1	4.9	1.3	84.5	930
7.7	29.7	11.7	3.3	82.7	929
5.0	59.1	27.7	4.3	72.9	524
64.7	45.8	24.4	8.0	72.9	5937

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722070

STATION NAME: DREBINS AFB GA
LST TO UTC: + 5

PERIOD
CENT:

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	100.0	75.0	25.0	25.0	25.0	0.0
03-05	100.0	100.0	100.0	100.0	100.0	95.7	94.3	69.1	27.0
06-08	100.0	100.0	100.0	100.0	99.3	95.1	92.1	55.2	1.0
09-11	100.0	100.0	100.0	99.1	91.0	71.4	44.7	21.0	0.0
12-14	100.0	100.0	99.7	91.9	65.0	37.4	19.4	10.2	0.0
15-17	100.0	100.0	93.3	85.2	54.9	31.0	17.4	10.1	0.0
18-20	100.0	100.0	99.7	96.4	64.3	52.1	33.9	15.0	0.0
21-23	100.0	100.0	100.0	100.0	97.7	89.7	57.3	31.0	0.0
ALL HOURS	100.0	100.0	99.6	95.5	73.0	55.0	42.4	24.3	1.0

00-02									
03-05	100.0	100.0	100.0	100.0	99.9	94.3	85.3	65.4	0.0
06-08	100.0	100.0	100.0	100.0	99.0	94.3	85.2	64.3	27.0
09-11	100.0	100.0	99.4	93.4	81.3	63.2	43.3	25.0	1.0
12-14	100.0	99.5	93.2	76.1	53.1	35.1	22.0	12.7	0.0
15-17	100.0	98.5	86.1	59.7	46.5	29.1	17.3	12.2	0.0
18-20	100.0	100.0	98.4	91.6	73.1	59.1	37.6	21.3	10.0
21-23	100.0	100.0	99.5	99.2	94.1	80.2	62.4	33.9	17.0
ALL HOURS	100.0	99.7	95.7	85.9	75.7	62.6	47.3	32.1	10.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

AFB SA PERIOD OF RECORD: JUN 73 - MAY 78
MONTH: SEP

.....					
GREATER THAN OR EQUAL TO					
60%	70%	80%	90%	MEAN	TOTAL OBS
.....					
25.0	25.0	25.0		53.5	4
96.7	94.3	69.1	27.0	33.1	541
37.1	32.1	55.2	25.2	62.4	900
71.4	64.7	21.8	8.3	63.2	900
37.4	19.4	10.2	3.8	57.3	900
31.0	17.4	10.1	3.2	54.5	900
32.1	33.9	15.0	5.2	54.4	900
57.7	57.3	31.4	9.0	74.1	602
65.0	49.4	29.3	10.5	74.1	5547

MONTH: OCT

.....					
.....					
96.3	85.3	65.4	30.1	32.1	541
94.3	85.2	64.3	27.3	31.3	930
63.2	43.3	25.0	12.2	55.4	930
39.1	22.0	12.7	7.5	54.4	930
39.1	17.3	12.2	7.5	51.5	930
70.1	37.6	21.3	10.2	54.1	930
5.2	52.4	33.0	17.4	73.3	655
62.0	47.3	32.1	15.2	73.2	5555

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE, NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722770

STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

PERIOD
MONTH:

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	100.0	100.0	100.0	94.1	47.1	17.1
03-05	100.0	100.0	99.6	99.3	97.8	87.0	72.7	55.0	24.1
06-08	100.0	100.0	99.7	99.4	97.3	89.8	75.7	54.4	27.1
09-11	100.0	99.5	98.4	92.1	82.4	67.9	50.3	34.9	17.1
12-14	100.0	87.3	67.0	71.3	57.2	43.4	30.3	21.2	11.1
15-17	100.0	86.3	62.0	55.9	52.5	37.3	27.3	13.1	6.1
18-20	100.0	99.1	95.5	87.3	72.3	57.0	33.4	24.7	14.1
21-23	100.0	99.4	99.3	95.2	85.0	75.0	57.1	35.9	17.1
ALL HOURS	100.0	93.1	94.4	86.2	76.4	63.2	44.2	34.2	16.1

00-02	100.0	100.0	100.0	100.0	84.7	59.0			
03-05	100.0	100.0	100.0	99.2	90.7	80.2	67.1	49.1	11.1
06-08	100.0	100.0	100.0	99.0	92.5	79.7	61.5	43.1	14.1
09-11	100.0	100.0	98.8	92.5	75.5	57.0	45.3	29.4	14.1
12-14	100.0	94.6	89.3	67.4	44.3	35.2	25.0	14.1	6.1
15-17	100.0	85.5	33.0	55.1	45.5	31.7	20.7	14.3	6.1
18-20	100.0	99.5	95.7	81.2	63.4	46.7	30.3	13.2	9.1
21-23	100.0	100.0	99.0	85.0	73.1	50.5	44.4	24.0	12.1
ALL HOURS	100.0	99.2	94.6	83.1	63.7	54.5	39.4	25.3	12.3

CONTINUED FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

ST. GA PLAINS OF RECORD: JUN. 73 - MAY 80
MONTH: NOV

.....					
FASTER THAN OR EQUAL TO					
60%	70%	80%	90%	MEAN	TOTAL OBS
.....					
100.0	94.1	47.1	17.5	73.7	17
87.0	72.7	55.0	23.0	72.0	282
69.0	75.7	61.4	27.2	72.4	900
57.0	62.3	35.9	17.1	65.9	900
43.0	33.3	21.2	9.7	55.0	900
37.0	27.2	12.1	7.0	53.7	900
37.0	30.4	25.7	13.7	53.5	900
25.0	37.1	35.2	17.2	71.5	900
53.0	40.2	34.2	15.5	71.5	8699

MONTH: DEC

.....					
60.0				54.3	9
73.0	57.1	42.1	15.1	73.3	147
73.7	51.5	43.1	13.7	74.0	513
74.0	45.3	29.8	15.0	65.1	513
55.0	25.0	13.1	5.3	53.5	513
51.7	22.7	14.3	5.5	50.2	513
45.7	30.3	12.2	9.5	59.3	513
57.0	44.4	24.0	12.2	65.3	513
54.5	32.5	25.3	12.3	56.3	5131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DORRINS AFB GA

PERIOD:

LST TO UTC: + 5

MONTH: 1

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	100.0	89.5	79.1	64.2	43.3	21.7
03-05	100.0	100.0	99.0	99.2	94.6	83.3	70.0	55.5	29.7
06-08	100.0	100.0	99.6	98.9	95.5	87.5	73.3	59.0	18.7
09-11	100.0	99.0	93.4	91.8	79.2	61.1	39.0	21.7	1.7
12-14	100.0	94.5	91.1	75.0	64.7	34.3	20.3	11.6	1.7
15-17	100.0	87.5	65.5	65.9	45.4	29.0	13.2	11.0	1.7
18-20	100.0	89.0	83.3	60.3	59.1	45.5	25.5	16.7	1.7
21-23	100.0	100.0	99.4	92.5	61.3	69.4	45.9	25.2	1.7
ALL HOURS	100.0	99.3	94.9	85.1	71.9	55.2	40.5	25.2	10.7

CONTINGENCY FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 AND DAILY LOSS RADIATION

STATION: PERIOD OF RECORD: JUN 74 - MAY 88
 MONTH: ALL

.....					
WATER LOSS OR EQUAL TO					
50.5	70.5	90.5	110.5	130.5	TOTAL LOSS
.....					
73.1	55.2	43.3	20.9	74.0	57
47.3	74.0	55.5	22.4	78.3	5025
47.5	73.3	49.3	14.7	77.0	10793
51.1	40.7	21.7	8.5	64.5	10797
34.3	23.3	11.5	5.0	53.7	10795
14.2	14.2	11.0	5.2	50.5	10793
45.5	24.5	14.7	7.1	55.0	10747
24.7	44.9	24.2	10.9	55.5	5067
34.2	44.5	24.0	10.3	52.9	67224

00000000
 00000000
 00 00
 00 00
 00000000
 00000000
 00
 00
 00
 00

000000
 00000000
 00 00
 00 00
 00 00
 0000000000
 0000000000
 00 00
 00 00
 00 00
 00 00

00000000
 00 0000
 00 00
 00000000
 0000 00
 00 00
 00 00
 00 00
 00 00
 00 00

00000000
 00000000
 00
 00
 00
 00
 00
 00
 00
 00

000000
000000
000000
000000
000000
000000
000000
000000
000000
000000

TTTTTTTTTT
TTTTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

0000000000
0000000000
00
00
000000
000000
00
00
00
00
00

1
1
1
1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS.

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS (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, TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METEOROLOGICAL STATIONS.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES.

PART I

PRESSURE SUMMARIES

IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

1. SYNOPSIS REPORTING TIME PERIODS FOR EACH MONTH

(ALL HOURS COMBINED).

(ALL HOURS COMBINED).

2. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION
NOT AVAILABLE FOR METAR REPORTING SITES.

3. TABLES GIVE MEANS, STANDARD DEVIATIONS, AND

4. TABLES GIVE MEANS, STANDARD DEVIATIONS AND

MILLIMETER = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DUBRINS AFB GA
LST TO UTC: + 5

2021

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	ALL
0100	MEAN	1014.8	1006.5	.0	.0	1014.5	.0	1015.1	1013.1
	SD	4.848	6.543	.000	.000	.000	.000	.000	1.1
	TOT OBS	7	3	0	0	1	0	1	
0400	MEAN	1012.9	1007.2	.0	1012.6	1015.3	1013.9	1016.7	1013.1
	SD	4.359	7.512	.000	5.125	3.715	2.942	2.543	2.1
	TOT OBS	5	3	0	25	279	240	242	
0700	MEAN	1020.5	1019.6	1017.6	1016.1	1016.5	1017.0	1017.7	1017.1
	SD	5.753	7.200	7.429	5.593	3.531	2.345	2.746	2.1
	TOT OBS	299	223	310	302	310	300	300	31
1000	MEAN	1021.4	1020.3	1018.5	1016.3	1017.0	1017.5	1018.3	1017.1
	SD	5.851	7.330	7.518	5.926	3.924	3.359	2.841	2.1
	TOT OBS	295	283	310	300	310	300	310	31
1300	MEAN	1020.4	1019.7	1017.5	1015.8	1016.2	1016.8	1017.6	1017.1
	SD	5.758	7.222	7.271	5.715	3.795	3.280	2.844	2.1
	TOT OBS	294	283	310	300	310	300	310	31
1600	MEAN	1019.2	1018.1	1015.3	1014.2	1014.6	1015.2	1015.6	1015.1
	SD	5.604	7.045	5.722	5.352	3.515	3.154	2.852	2.1
	TOT OBS	294	283	310	300	310	300	310	31
1900	MEAN	1020.0	1018.7	1016.2	1014.4	1014.5	1015.1	1015.9	1015.1
	SD	5.595	7.059	5.874	5.252	3.493	3.053	2.780	2.1
	TOT OBS	295	283	310	300	307	300	310	31
2200	MEAN	1020.5	1019.4	1017.1	1015.6	1015.7	1016.2	1017.1	1017.1
	SD	5.599	7.021	5.882	5.310	3.841	3.050	2.732	2.1
	TOT OBS	294	283	310	277	305	300	310	31
ALL HOURS	MEAN	1020.2	1019.3	1017.1	1015.3	1015.7	1016.2	1017.2	1017.1
	SD	5.744	7.231	7.224	5.532	3.719	3.312	2.939	2.1
	TOT OBS	1779	1704	1520	1552	2135	2240	2197	21

STA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

534 PERIOD OF RECORD: JUN 78 - MAY 83

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1014.5 .000 1	1015.1 .000 0	1013.5 1.100 2	1021.4 .000 1	1022.6 .000 0	1013.7 3.976 6	1015.9 5.350 2	1015.9 6.733 23
1015.5 3.718 279	1016.7 2.992 240	1016.7 2.543 248	1018.1 3.088 248	1019.3 3.779 241	1019.5 4.352 234	1019.7 5.115 7	1018.6 3.993 1591
1016.6 3.861 310	1017.7 2.748 308	1017.8 2.951 310	1018.7 3.989 300	1020.3 4.657 310	1020.5 5.701 300	1021.8 6.437 270	1018.6 5.577 3596
1017.3 4.324 310	1018.3 2.841 310	1018.6 3.022 310	1019.5 4.028 300	1021.2 4.726 310	1021.4 5.789 300	1023.1 6.433 270	1019.5 5.712 3598
1018.2 3.773 310	1017.7 2.864 310	1017.7 3.035 300	1018.5 3.019 300	1019.8 4.543 310	1019.9 5.517 300	1021.5 6.257 271	1018.4 5.445 3597
1018.6 4.555 310	1018.2 2.862 310	1018.0 3.118 310	1016.5 3.110 300	1018.4 4.487 310	1018.3 5.275 300	1020.4 5.925 271	1018.9 5.377 3598
1018.6 4.433 310	1018.1 2.789 310	1018.1 2.829 310	1017.1 3.749 300	1019.0 4.567 310	1019.5 5.103 300	1021.3 5.943 271	1017.3 5.440 3596
1018.7 4.861 310	1018.2 2.732 310	1017.6 2.883 310	1018.2 3.727 300	1019.8 4.565 310	1020.1 5.243 300	1021.7 5.957 271	1018.2 5.371 3571
1018.7 5.789 310	1018.2 2.699 310	1017.2 3.000 310	1018.1 3.053 300	1019.7 4.655 300	1020.0 5.497 300	1021.5 6.224 271	1018.0 5.445 23170

OPERATING LOCATION "B"
USAFETAC, ASHEVILLE, NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA

LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	29.35	29.73	.00	.00	30.01	.00	30.00	29.99
	SD	.130	.124	.000	.000	.000	.000	.000	.000
	TOT OBS	7	3	0	0	1	0	1	0
0400	MEAN	29.40	29.76	.00	29.92	30.01	30.03	30.06	30.05
	SD	.120	.206	.000	.153	.106	.073	.077	.077
	TOT OBS	5	5	0	55	279	240	240	240
0700	MEAN	30.12	30.10	30.05	30.02	30.04	30.07	30.02	30.01
	SD	.176	.205	.215	.174	.112	.098	.070	.070
	TOT OBS	295	283	310	300	310	300	300	300
1000	MEAN	30.16	30.14	30.08	30.04	30.05	30.09	30.11	30.11
	SD	.107	.209	.213	.176	.116	.096	.072	.072
	TOT OBS	235	263	310	300	310	300	310	310
1300	MEAN	30.12	30.11	30.05	30.02	30.04	30.05	30.02	30.01
	SD	.174	.205	.211	.158	.110	.093	.082	.082
	TOT OBS	294	283	310	300	310	300	310	310
1600	MEAN	30.09	30.05	30.01	29.97	29.99	30.02	30.04	30.04
	SD	.120	.201	.202	.158	.105	.092	.071	.071
	TOT OBS	294	283	310	300	310	300	310	310
1900	MEAN	30.11	30.08	30.01	29.97	29.97	30.01	30.04	30.04
	SD	.160	.201	.190	.155	.102	.090	.070	.070
	TOT OBS	295	283	310	300	307	300	310	310
2200	MEAN	30.12	30.09	30.04	30.01	30.02	30.05	30.03	30.03
	SD	.120	.200	.200	.157	.103	.089	.073	.073
	TOT OBS	294	283	310	277	305	300	310	310
ALL HOURS	MEAN	30.12	30.10	30.04	30.00	30.02	30.05	30.07	30.07
	SD	.194	.206	.200	.154	.111	.097	.084	.084
	TOT OBS	1779	1724	1600	1552	2133	2060	2117	2117

ALTIMETER SETTING IN INCHES
FROM MOUNTAIN OBSERVATIONS

STATION: 34 PERIOD OF RECORD: JUL. 73 - MAY 78

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
30.01 .000 1	30.00 .000 0	30.00 .000 1	29.97 .000 2	30.19 .000 1	30.00 .000 0	30.21 .115 6	29.92 .155 2	30.01 .199 23
30.01 .100 279	30.03 .000 247	30.06 .077 240	30.07 .059 242	30.10 .105 241	30.12 .125 234	30.14 .151 7	30.09 .000 1	30.05 .116 1591
30.04 .110 310	30.07 .098 300	30.09 .000 300	30.10 .096 310	30.11 .114 300	30.14 .133 310	30.14 .163 300	30.17 .131 271	30.10 .158 3597
30.05 .110 310	30.09 .090 300	30.11 .030 310	30.12 .084 310	30.14 .115 300	30.17 .135 310	30.17 .155 300	30.20 .132 271	30.12 .161 3569
30.06 .110 310	30.06 .085 300	30.08 .082 310	30.09 .035 310	30.11 .112 300	30.13 .132 310	30.13 .153 300	30.16 .177 271	30.07 .156 3575
30.09 .105 310	30.02 .000 300	30.04 .000 310	30.04 .037 310	30.06 .109 300	30.09 .129 310	30.09 .152 300	30.13 .163 271	30.05 .152 3592
30.09 .107 317	30.01 .000 300	30.06 .000 310	30.04 .082 310	30.06 .107 300	30.11 .122 310	30.11 .146 300	30.15 .166 271	30.05 .152 3595
30.02 .103 300	30.05 .000 300	30.08 .079 310	30.08 .082 310	30.10 .107 300	30.13 .132 310	30.13 .150 300	30.17 .172 271	30.08 .161 3571
30.02 .111 2105	30.05 .097 2060	30.07 .084 2107	30.08 .090 2110	30.10 .113 2042	30.13 .133 2094	30.13 .153 1015	30.16 .176 1809	30.08 .155 23173

OPERATING LOCATION "A"
USAFETAC, ASH-VILLE, NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATION

STATION NUMBER: 722270

STATION NAME: DIBBINS AFB GA
LST TO UTC: + 5

UNIT

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	23.42	23.59	.00	.00	23.55	.00	23.45	.00
	SD	.135	.190	.000	.000	.000	.000	.000	.00
	TOT OBS	7	3	0	0	1	0	1	.00
0400	MEAN	23.75	23.52	.00	23.75	23.57	23.58	23.92	.00
	SD	.110	.200	.000	.155	.174	.045	.075	.00
	TOT OBS	8	3	0	35	274	240	243	.00
0700	MEAN	23.97	23.95	23.91	23.37	23.90	23.92	23.94	.00
	SD	.190	.198	.206	.150	.105	.075	.075	.00
	TOT OBS	295	283	310	300	210	300	335	.00
1000	MEAN	23.91	23.93	23.93	23.40	23.91	23.94	23.95	.00
	SD	.191	.202	.211	.171	.111	.035	.041	.00
	TOT OBS	295	283	310	300	310	300	315	.00
1300	MEAN	23.97	23.95	23.91	23.67	23.43	23.92	23.96	.00
	SD	.135	.200	.224	.153	.197	.032	.041	.00
	TOT OBS	294	283	310	300	310	300	310	.00
1600	MEAN	23.94	23.91	23.95	23.42	23.45	23.37	23.49	.00
	SD	.194	.195	.196	.153	.101	.039	.070	.00
	TOT OBS	294	283	310	300	310	300	310	.00
1900	MEAN	23.95	23.93	23.47	23.32	23.34	23.37	23.49	.00
	SD	.183	.194	.192	.150	.093	.035	.077	.00
	TOT OBS	295	283	310	300	297	300	310	.00
2200	MEAN	23.97	23.95	23.90	23.15	23.15	23.30	23.93	.00
	SD	.173	.194	.193	.152	.100	.047	.077	.00
	TOT OBS	294	283	310	277	295	300	310	.00
ALL HOURS	MEAN	23.97	23.95	23.90	23.25	23.23	23.90	23.93	.00
	SD	.185	.200	.203	.150	.107	.044	.080	.00
	TOT OBS	1770	1704	1350	1257	2133	2040	2107	211

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUN 75 - MAY 86

DAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
28.36 .000 1	.00 .000 0	28.35 .000 1	28.32 .025 2	28.04 .000 1	.00 .000 0	28.95 .111 6	28.73 .150 2	28.35 .192 23
28.7 .174 277	28.28 .048 240	28.32 .075 243	28.32 .037 243	28.35 .105 241	28.37 .121 234	28.99 .147 7	28.94 .200 1	28.71 .112 1591
28.90 .108 310	28.72 .075 300	28.74 .077 305	28.95 .074 310	28.95 .111 300	28.99 .130 310	28.99 .159 300	28.02 .176 271	28.95 .154 3597
28.91 .111 310	28.94 .076 300	28.75 .081 310	28.97 .085 310	28.99 .112 300	28.02 .132 310	28.02 .151 300	28.05 .176 271	28.37 .157 3509
28.92 .107 313	28.32 .032 300	28.74 .081 310	28.75 .035 310	28.95 .109 300	28.95 .129 310	28.98 .155 300	28.91 .172 271	28.94 .151 3595
28.95 .101 310	28.37 .039 300	28.49 .070 310	28.90 .084 310	28.91 .105 300	28.95 .125 310	28.95 .149 300	28.93 .164 271	28.90 .145 3595
28.94 .095 307	28.37 .035 300	28.39 .077 310	28.90 .083 310	28.92 .104 300	28.95 .126 310	28.95 .142 300	28.90 .153 271	28.91 .143 3592
28.95 .103 305	28.90 .07 300	28.93 .077 310	28.93 .081 310	28.95 .104 300	28.95 .129 310	28.93 .145 300	28.91 .157 271	28.94 .147 3571
28.97 .107 313	28.90 .074 2040	28.93 .082 2107	28.93 .083 2110	28.95 .111 2042	28.93 .130 2094	28.93 .155 1513	28.91 .171 1529	28.93 .150 23173

00000000
 00000000
 00 00
 00 00
 00 00 00 00
 0000 0000
 00
 00
 00
 00

000000
 00000000
 00 00
 00 00
 00 00
 0000000000
 0000000000
 00 00
 00 00
 00 00
 00 00

00000000
 00000000
 00 00
 00 00
 00 00
 00000000
 00 00
 00 00
 00 00
 00 00
 00 00

00000000
 00000000
 00
 00
 00
 00
 00
 00
 00
 00
 00

000000	XXXXXXXXXX
000000	XXXXXXXXXX
00	II
00	II
00	II
00	II
00	II
00	II
00	II
00	II

000000
00000000
00 00
00
00
00 0000
00 00000
00 00
00000000
000000

PART 6

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL
PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS PER DAY.
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0000-2000).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0000-2000).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (PERCENT COMPONENT) FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLES. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE HOURLY AND SPECIAL GUST REMARKS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING HOURLY AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT OBSERVATION IN EACH OF THE SPECIFIED THRESHOLD WIND SPEED VALUES.

A TOTAL OBSERVATION COUNT IS INCLUDED.

PAGE 3

SEASON SUMMARY

THE HOURLY AND SPECIAL OBSERVATIONS (INCLUDING
WINDS ARE SUMMARIZED AS FOLLOWS:

(1) TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

(2) ALL (YRS COMBINED).

(3) THE 1950-1959-1960-1961 (YRS COMBINED).

(4) ALL (YRS COMBINED).

(5) THE 1950-1959-1960-1961 (YRS COMBINED).

THE HOURLY WIND (HWS) IS THE "0-100" WIND
IN CLASSES SPECIFIED IN THE TABLE HEADINGS.
WINDS:

IF A WIND IS OBSERVED WITH DIRECTION AND WIND SPEED
IN A WIND CLASS.

THE WINDS ARE REPORTED AS REPORTED WIND
OBSERVATIONS INCLUDING REMARKS, ETC.

WINDS.

THE WINDS ARE REPORTED AS REPORTED WINDS
OBSERVATIONS INCLUDING REMARKS, ETC.

WINDS.

REPORTING LOCATION NAME
HONOLULU, AIR VILL 100

REPORTING FREQUENCY OR OCCASIONAL TIME
FROM 11:00 PM TO 11:00 PM

STATION NUMBER: 722270

STATION NAME: HONOLULU AIR VILL
LAT 19 51N LONG 155 28W

CATEGORY 1: ANY CHILDS IN VISIBILITY (0-100%)

CATEGORY 2: HIGHEST WINDS REPORTED (0-100%)

TIME (LST)	0000 - 0400	0400 - 0800
SPOT (KTS)	1.1 1.1 1.1 1.1 1.1 1.1	1.1 1.1 1.1 1.1 1.1 1.1
CATEGORY 1	1.0 1.0 1.0 1.0 1.0 1.0	1.1 1.1 1.1 1.1 1.1 1.1
CATEGORY 2	17.0 17.0 17.0 17.0 17.0 17.0	1.0 1.0 1.0 1.0 1.0 1.0

TIME (LST)	0800 - 1200	1200 - 1600
SPOT (KTS)	1.1 1.1 1.1 1.1 1.1 1.1	1.1 1.1 1.1 1.1 1.1 1.1
CATEGORY 1	1.0 1.0 1.0 1.0 1.0 1.0	1.2 1.2 1.2 1.2 1.2 1.2
CATEGORY 2	1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 1.0 1.0

TIME (LST)	1600 - 2000
SPOT (KTS)	1.1 1.1 1.1 1.1 1.1 1.1
CATEGORY 1	1.0 1.0 1.0 1.0 1.0 1.0
CATEGORY 2	1.0 1.0 1.0 1.0 1.0 1.0

AGENCY OF ACCOUNTING OF CROSSINGS
FROM AIRLY GAS VATIONS

MAGNETIC RUNWAY HEADING: 109-219

AREA 5A

PERIOD OF RECORD: JUN 78 - MAY 79
DATE: JAN

.....
WINDING OF VISIBILITY (HOURLY AND PLY)

.....
WINDING REPORTED WITHIN THE AREA (HOURLIES + SPECIALS)

.....
0000 - 0100 0100 - 0200 0200 - 0300

0000 - 0100	0100 - 0200	0200 - 0300	0300 - 0400	0400 - 0500	0500 - 0600	0600 - 0700	0700 - 0800	0800 - 0900	0900 - 1000
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

.....
1000 - 1100 1100 - 1200 1200 - 1300

1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

.....
ALL 41115

ALL 41115	0000 - 0100	0100 - 0200	0200 - 0300	0300 - 0400	0400 - 0500	0500 - 0600	0600 - 0700	0700 - 0800	0800 - 0900	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

OPERATING LOCATION "A"
USAFPTAC, ASHVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722272 STATION NAME: OBSEVING APT CA
LST TIME: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (H) (L) (V)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN (H) (L) (V)

TIME (LST)	0000 - 0600				0600 - 1200			
SPEED (KTS)	0-15	16-25	26-30	31-45	0-15	16-25	26-30	31-45
CATEGORY A				.9	.4			2.1
CATEGORY B	0.3			1.6	1.7	.3		2.4

TIME (LST)	1200 - 1400				1400 - 1800			
SPEED (KTS)	0-15	16-25	26-30	31-45	0-15	16-25	26-30	31-45
CATEGORY A	.3			4.9	.2			.1
CATEGORY B	3.			10.4	2.0	.1		10.4

TIME (LST)	0600 - 0800			
SPEED (KTS)	0-15	16-25	26-30	31-45
CATEGORY A	.3			4.4
CATEGORY B	2.2	.1	.3	4.1

TENDENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 100-240

AF 74

PERIOD OF RECORD: JUL 73 - MAY 74
MONTH: FEB

.....
TILING OF VISIBILITY (HOURLY OBS ONLY)

.....
TENDENCY REPORTED WITHIN 100000 (HOURLIES + SPECIALS)

0000 - 0500 0500 - 0700 0700 - 1100

0000 - 0500	0000	0515	0525	0530	0535	0515	0525	0530	0535
	201	.2			140				140
.2	200	1.0	.1		1104	2.7	.1		1140

1100 - 1700 1700 - 2000 2100 - 2300

1100 - 1700	1700	0515	0525	0530	0535	0515	0525	0530	0535
	.4	.4			140	.4			140
.1	1100	.3	.3	.1	1020	1.0	.3	.3	1000

.....
ALL MONTHS

0000 - 0500	0515	0525	0530	0535
4045	.3			
.2	400	1.2	.2	.1

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: EDWARDS AFB GA
 LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURS)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 10

TIME (LST) 0000 - 0200 0300 - 0500
 SPEED (KTS) 0-15 16-25 26-30 31-35 36-45 46-55 56-60 61-65 66-70 71-75
 CATEGORY A 27
 CATEGORY B 31

TIME (LST) 1200 - 1400 1500 - 1700
 SPEED (KTS) 0-15 16-25 26-30 31-35 36-45 46-55 56-60 61-65 66-70 71-75
 CATEGORY A .3 .4 .3
 CATEGORY B 3.7 .1 .1 11.5 3.0 11.5 1.4

TIME (LST) 0600 - 0800
 SPEED (KTS) 0-15 16-25 26-30 31-35 36-45 46-55 56-60 61-65 66-70 71-75
 CATEGORY A .2 4.5
 CATEGORY B 2.2 .7 .7 5.4

SCARCITY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADINGS: 100-280

APR 64

PERIOD OF RECORD: JUN 73 - MAY 80
MONTH: MAR

.....
WINDING OF VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

0000 - 0500

0600 - 0900

0900 - 1100

0000	0030	0045	0515	0525	0530	0545	0515	0525	0530	0545
		27				30				30
		27				30				30
		31				1137				1223

1100 - 1700

1800 - 2000

2100 - 2300

0000	0030	0045	0515	0525	0530	0545	0515	0525	0530	0545
		30				30				30
		30				30				30
		1137				1372				1325

.....
- 2000

ALL HOURS

0000	0030	0045	0515	0525	0530	0545
		30				30
		30				30
		1137				1372

OPERATING LOCATION "AW"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM ONLY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (WHENLY

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 10

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	0015	0025	0030	005	0015	0025	0030	005
CATEGORY A				0				35
CATEGORY B				0	1.2			40

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	0015	0025	0030	005	0015	0025	0030	005
CATEGORY A				00	.2			00
CATEGORY B	3.			1076	1.0	.1		1071

TIME (LST)	1800 - 2000			
SPEED KTS	0015	0025	0030	005
CATEGORY A	.1			000
CATEGORY B	2.0	.1	.0	0030

FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM 4 JULY OBSERVATIONS

MAGNETIC BUZZY HEADING: 109-289

100

PERIOD OF RECORD: JUN 75 - MAY 84
 UNIT: APR

REPORT OF VISIBILITY (IF ONLY 135 ONLY)

T HINGS REPORTED WITHIN THE HOUR (HIGHLIGHTS + SPECIALS)

42 - (S)

0507 - 0.00

0000 - 1100

0125 0E30 045 0716 0825 0E30 045 0716 0825 0E30 045

400 .1 100 .1 400

403 . 1151 2.2 .2 .2 1115

100 - 1700

1-30 - 2010

2100 - 2300

[illegible]

1999 767

.1 .071 .092 .123 .07

ALL ALMS

17.15 17.25 17.30 7-8

4.1 54.23

[illegible]

OPERATING LOCATION "A"
USAFPTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722270 STATION NAME: DORRINS AFB GA
LST TO UTC: + 5

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURS)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 10
.....

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	0515	0525	0530	055	0515	0525	0530	055
CATEGORY A				.1				.1
CATEGORY B				.1				.1

.....

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	0515	0525	0530	055	0515	0525	0530	055
CATEGORY A				.1	.1			.1
CATEGORY B	1.2	.1		1165	1.3			1171

.....

TIME (LST)	0600 - 0800			
SPEED KTS	0515	0525	0530	055
CATEGORY A	.2			6540
CATEGORY B	.3	.1		6140

MAGNETIC RUNWAY HEADING: 102-200

PERIOD OF RECORD: JUN 71 - MAY 72
MONTH: MAY

THIS IS REPORTED WITHIN THE BPP* (HOMELIES + SPECIALS)

	1970 - 1980		1961 - 1969		2100 - 2300					
1000	3700	.20	3515	3128	3530	.16	3415	3025	3530	.08S
	3700									
		.001				.001				.613
	1171	.0				1171	.3			.5+

		ALL	41175	
	9-15	9-15	9-25	9-30
	684,00	.0		594,6
	9-25	.0	.0	7170

OPERATING LOCATION "AM"
USAF TAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM 100% TO 100% (1/1000)

STATION NUMBER: 722270

STATION NAME: BOBBINS AREA 64
LST TO UTC: + 5

.....

CATEGORY A: ANY CEILING OR VISIBILITY (100%)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 1

.....

TIME (LST) 0000 - 0200 0300 - 0500

SPEED (KTS) 0115 0125 0130 015 0115 0125 0130 015

CATEGORY A .4

CATEGORY B .2

.....

TIME (LST) 1200 - 1400 1500 - 1700

SPEED (KTS) 0115 0125 0130 015 0115 0125 0130 015

CATEGORY A .1

CATEGORY B .1

.....

TIME (LST) 0900 - 2000

SPEED (KTS) 0115 0125 0130 015

CATEGORY A .1

CATEGORY B .1

INCIDENCY OF OCCURRENCE OF CROSSINGS
 OF HOURLY OBSERVATIONS

MAGNETIC RUNWAY READINGS: 102-222

PERIOD OF RECORD: JUN 73 - MAY 82
 MONTH: JUN

LIST OF VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0000 - 0500				0600 - 0900				1000 - 1100			
0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1200 - 1700				1800 - 2300				2400 - 2500			
1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL HOURS					
0000	0100	0200	0300	0400	0500
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

OPERATING LOCATION "AM"
 DEARBORN, MI VILLAGE

PERCENTAGE FREQUENCY OF OCCURRENCE OF
 FROM 1 ONLY 1951 VALUE

STATION NUMBER: 722270

STATION NAME: DOWNS AFB GA
 LST TO UTC: + 5

.....

CATEGORY A: ANY CEILING OR VISIBILITY (0-999)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 7

.....

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	0015	0025	0030	005	0015	0025	0030	005
CATEGORY A				5				5
CATEGORY B				5				5

.....

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	0015	0025	0030	005	0015	0025	0030	005
CATEGORY A				50				44
CATEGORY B	1.0			1171	0.0	0.0	0.1	11

.....

TIME (LST)	2000 - 2100			
SPEED KTS	0015	0025	0030	005
CATEGORY A				4545
CATEGORY B		0.1		1171

INDEX OF OCCURRENCE OF CROSSINGS
 FROM JULY 1951 UNTIL 1954

MAGNETIC RUNWAY HEADING: 199-209

PERIOD OF RECORD: JUN 71 - MAY 54
 MONTH: JUL

.....
 LINE OF VISIBILITY (WHOLELY V.S. ONLY)

.....
 WINDS REPORTED WITHIN 100 MILES (HURRICANS + SPECIALS)

.....
 1000 - 1100 0600 - 0700 1000 - 1100
 10-15 10-20 10-25 10-30 10-35 10-40 10-45 10-50 10-55 10-60
 10-65 10-70 10-75 10-80 10-85 10-90 10-95 11-00
 11-05 11-10 11-15 11-20 11-25 11-30 11-35 11-40
 11-45 11-50 11-55 12-00

.....
 1000 - 1100 1000 - 1100 1000 - 1100
 10-15 10-20 10-25 10-30 10-35 10-40 10-45 10-50 10-55 10-60
 10-65 10-70 10-75 10-80 10-85 10-90 10-95 11-00
 11-05 11-10 11-15 11-20 11-25 11-30 11-35 11-40
 11-45 11-50 11-55 12-00

.....
 ALL OTHERS
 10-15 10-20 10-25 10-30 10-35 10-40 10-45 10-50 10-55 10-60
 10-65 10-70 10-75 10-80 10-85 10-90 10-95 11-00
 11-05 11-10 11-15 11-20 11-25 11-30 11-35 11-40
 11-45 11-50 11-55 12-00

OPERATING LOCATION: MAW
USAF TTAG, ASHEVILLE, NC

PERCENTAGE PROBABILITY OF OCCURRENCE OF
FROM 1 JULY 1965 TO 11/1/66

STATION NUMBER: 722270 STATION NAME: ASHEVILLE
LST TO JIC: +5

CATEGORY A: ANY CEILING OR VISIBILITY (6-11/66)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 1

TIME (LST) 0000 - 0200 0300 - 0500
SPEED (KTS) 0515 0525 0530 055 0515 0525 0530 055 0515
CATEGORY A .5 .5 .5 .5 .5 .5 .5 .5 .5
CATEGORY B .5 .5 .5 .5 .5 .5 .5 .5 .5

TIME (LST) 1000 - 1400 1500 - 1700
SPEED (KTS) 0515 0525 0530 055 0515 0525 0530 055 0515
CATEGORY A .1 .1 .1 .1 .1 .1 .1 .1 .1
CATEGORY B .1 .1 .1 .1 .1 .1 .1 .1 .1

TIME (LST) 1800 - 2000
SPEED KTS 0515 0525 0530 055
CATEGORY A .2 .2 .2 .2 .2 .2 .2 .2 .2
CATEGORY B .2 .1 .1 .1 .2 .2 .2 .2 .2

OPERATING LOCATION "AA"
USAFHAF, ASHEVILLE-NC

PERCENTAGE FREQUENCY OF COMPLETION OF
FROM 100% TO 0% IN 10% STEPS

STATION NUMBER: 722270 STATION NAME: DODGING AFB GA
LST TO UTC: + 5

.....
CATEGORY A: ANY CEILING OR VISIBILITY (0-100)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 10
.....

TIME (LST)	0000 - 0200	0300 - 0500
SPEED (KTS)	0515 0525 0530 055	0515 0525 0530 055
CATEGORY A	4	4
CATEGORY B	4	4

.....
TIME (LST) 1200 - 1400 1500 - 1700
SPEED (KTS) 0515 0525 0530 055 0515 0525 0530 055
CATEGORY A 400 400
CATEGORY B .4 1000 1.0 .1 .1 1000 .

.....
TIME (LST) 0600 - 0800
SPEED KTS 0515 0525 0530 055
CATEGORY A 4000
CATEGORY B .4 .2 .1 0550

INCIDENCE OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADINGS: 109-290

FM 5A

PERIOD OF RECORD: JUN 73 - MAY 78
MONTH: SEP

.....
FILING OF VISIBILITY (HOURLY OBS ONLY)

.....
WINDS REPORTED WITHIN THE HOURS (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
0315	0430	0445	0450	0615	0625	0630	0645	0815	0825	0830	0845
		043					040				030
		010					1203		.2		1140

1200 - 1700				1800 - 2000				2100 - 2300			
0425	0430	0445	0450	0615	0625	0630	0645	0815	0825	0830	0845
		000					000				002
.2	.1	103		.0			1203				041

ALL HOURS							
0300	0430	0445	0450	0615	0625	0630	0645
		4800					5649
.2	0556		.3	.0	.0		5814

OPERATING LOCATION: WAW
USAF TAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM DAILY OBSERVATIONS

STATION NUMBER: 722270

STATION NAME: DODDINS AFB GA

LST TO UTC: + 4

.....

CATEGORY A: ANY CEILING OR VISIBILITY (100) FT

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 1000 FT

.....

TIME (LST)	0000 - 0200				0400 - 0600			
SPEED (KTS)	GE15	GE25	GE30	WGS	GE15	GE25	GE30	WGS
CATEGORY A				0				941
CATEGORY B				0	.2			51

.....

TIME (LST)	1200 - 1400				1600 - 1800			
SPEED (KTS)	GE15	GE25	GE30	WGS	GE15	GE25	GE30	WGS
CATEGORY A	.1			930				93
CATEGORY B	.1			1045	.7			1070

.....

TIME (LST)	1900 - 2000			
SPEED (KTS)	GE15	GE25	GE30	WGS
CATEGORY A	.1			9500
CATEGORY B	.7			95

FLUENCY OF OCCURRENCE OF GUSTS AND
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 100-200

15-51

PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: OCT

.....
FILING OF VISIBILITY (DOUBLY 0'S ONLY)

ST WINDS REPORTED WITHIN THE HOUR (DOUBLES + SPECIALS)

.....

1400 - 1500			1600 - 1700			1800 - 1900		
0715	0730	0745	0715	0730	0745	0715	0730	0745
		041			030			030
		017			1027			1103

.....

.....

1500 - 1700			1800 - 2000			2100 - 2300		
0715	0730	0745	0715	0730	0745	0715	0730	0745
		030			030			065
		1070			1042			074

.....
.....

.....

ALL			800-5		
0715	0730	0745	0715	0730	0745
		0550			0556
		0550			0554

.....

OPERATING LOCATION NAME
USAF-TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
-- 100% FREQUENCY OF OCCURRENCE

STATION NUMBER: 722270 STATION NAME: DEBRINS ARE 61
1ST IN JTC: + 5

CATEGORY A: ANY CHILDS OF VISIBILITY (CHILDS)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 10

TIME (LST) 0000 - 0200 0200 - 0400
SPEED (KTS) 0115 0525 0530 055 0115 0525 0530 055 0115
CATEGORY A 17 200
CATEGORY B 17 1.1 1.1 1.1

TIME (LST) 1200 - 1400 1400 - 1700
SPEED (KTS) 0115 0525 0530 055 0115 0525 0530 055 0115
CATEGORY A .1 200 .1 200
CATEGORY B 1.1 1.1 1.1 1.1 1.1 1.1 1.1

TIME (LST) 0500 - 0700
SPEED KTS 0515 0525 0530 055
CATEGORY A .1 200
CATEGORY B 1.1 1.1 1.1 1.1

SEQUENCY OF OCCURRENCE OF CROSSINGS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 109-280

FA 67

PERIOD OF RECORD: JUN 74 - MAY 75
MONTH: NOV

.....
TIME OF VISIBILITY (HOURLY OBS ONLY)

.....
WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
0000 - 0500 0600 - 0800 0900 - 1100

0000	0030	0045	0615	0625	0630	0045	0615	0625	0630	0045
		000				000				000
		007	.4			1000	1.0	.1		1000

.....
1200 - 1700 1800 - 2000 2100 - 2300

1200	1230	1245	1815	1825	1830	1245	1815	1825	1830	1245
		000				000				000
.1		1100	.7			1070	.3	.1		1010

.....
ALL HOURS

0000	0045	0615	0625	0630	0045
	0000		.1		0600
	0010	1.1	.0		7000

OPERATING LOCATION: "A"
USAFETAC, ASH VILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM 4,000 TO 5,000 FEET

STATION NUMBER: 722270 STATION NAME: DOBBINS AFB, GA
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (0-100)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN 1

TIME (LST)	0000 - 0200				0200 - 0400			
SPEED (KTS)	0415	0425	0430	045	0415	0425	0430	045
CATEGORY A				5	14			347
CATEGORY B				5	2.5			391

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	0415	0425	0430	045	0415	0425	0430	045
CATEGORY A	1.2			313	.1			312
CATEGORY B	1.2			1034	1.2			1037

TIME (LST)	0600 - 0800			
SPEED KTS	0415	0425	0430	045
CATEGORY A	.1			4055
CATEGORY B	1.2			3120

INDEX OF COMPLAINTS OF CROSSINGS
 (ONLY 15 MINUTES)

MAGNETIC RUNWAY BEARING: 119-2 3

PERIOD OF RECORD: JUN 72 - MAY 73
 MONTH: DEC

.....
 INDEX OF VISIBILITY (ONLY 15 MINUTES)

.....
 INDEX OF COMPLAINTS WITHIN THE 15 MINUTES (ONLY 15 MINUTES + SPECIALS)

.....
 1000 - 1100 1100 - 1200 1200 - 1300 1300 - 1400 1400 - 1500 1500 - 1600 1600 - 1700 1700 - 1800 1800 - 1900 1900 - 2000
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900

.....
 1000 - 1100 1100 - 1200 1200 - 1300 1300 - 1400 1400 - 1500 1500 - 1600 1600 - 1700 1700 - 1800 1800 - 1900 1900 - 2000
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900

.....
 1000 - 1100 1100 - 1200 1200 - 1300 1300 - 1400 1400 - 1500 1500 - 1600 1600 - 1700 1700 - 1800 1800 - 1900 1900 - 2000
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900
 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900

OPERATING LOCATION: "A"
 NCAR/FAO, ASH VILLAGE

PLACENTAGE AGENCY: 21-0000-0000
 AGENCY: 3-0000-0000

STATION NUMBER: 702270 STATION NAME: DEBRINE AF SA
 LST TO HTD: + 0

CATEGORY A: ANY CHILING TO VISIBILITY (C)

CATEGORY B: HIGHEST WINDS (HIGHEST WINDS)

TIME (LST) 0000 - 0015 0015 - 0030
 SPEED (KTS) 0015 0030 0045 0060 0075 0090 0105 0120
 CATEGORY A 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
 CATEGORY B 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

TIME (LST) 1000 - 1015 1015 - 1030
 SPEED (KTS) 0015 0030 0045 0060 0075 0090 0105 0120
 CATEGORY A 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
 CATEGORY B 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

TIME (LST) 0000 - 0015
 SPEED (KTS) 0015 0030 0045 0060
 CATEGORY A 1.0 1.0 1.0 1.0
 CATEGORY B 1.0 1.0 1.0 1.0

NUMBER OF OCCURRENCES OF OFFENDING
 (APPLY TO PATIENT)

MAGNETIC RUNWAY READINGS: 100-110

8. 3A

PERIOD OF RECORD: JUN 74 - MAY 75
 MONTH: ALL

.....
 FLIGHT VISIBILITY (APPLY OPS ONLY)

FLIGHT FORCED HIGH: 100-110 (APPLIES + SPECIALS)

100 - 110				110 - 120				120 - 130			
0015	0030	0045	0060	0015	0030	0045	0060	0015	0030	0045	0060
		.007	.1			10793		.1			10797
.1	.1	.007	.7	.2	.2	14077		1.0	.1	.1	13144

120 - 130				130 - 140				140 - 150			
0015	0030	0045	0060	0015	0030	0045	0060	0015	0030	0045	0060
		10797	.1			10797		.1			10797
.1	.1	10797	.1	.1	.1	12030		1.0	.1	.1	4548

.....
 ALL MONTHS

ALL MONTHS			
0015	0030	0045	0060
		10797	
.1	.1	10797	1.0

00000000
00000000
00 00
00 00
00000000
00000000
00
00
00
00

AAAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

00000000
00000000
00 00
00 00
00000000
00000000
00 00
00 00
00 00
00 00
00 00
00 00

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT
TT

DEGREE DAY SUMMARY

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX/MIN/2) FROM 1961 TO 1990. THE NUMBER OF DEGREE DAYS FOR EACH MONTH IS GIVEN FOR

INCLUDED WITHIN EACH SUMMARY AND STATISTICS FOR 30-YEAR PERIOD (IF AVAILABLE). THE 30-YEAR PERIOD PROVIDED ARE CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). DATA FOR CHANGE TO 1961-1990 AS SUCH AS DATA FOR 1961-1990

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH AVERAGE IN THESE TABLES. ASTERISKS (****) DENOTE AN ENTRY CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO EACH DAY WHEN MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE" TEMPERATURE IN FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE THAT DAY IS SAID TO HAVE A HEATING DEGREE DAY.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO EACH DAY WHEN TEMPERATURE RISES ABOVE A DESIGNATED "BASE" TEMPERATURE IN FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE THAT DAY IS SAID TO HAVE A COOLING DEGREE DAY.

65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE "BASE" TEMPERATURE AT WHICH (AT LEAST) COOLING IS REQUIRED. IN OTHER CASES, IF ANY, IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR ALL STATES.

+

PAGE 1

WIND DAY SUMMARIES

VALUES (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE
WIND EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

WINDY AND STATISTICS BASED ON A 30-YEAR (1961-1990)
30-YEAR PER PROVIDED ARE USERS WITH A SUMMARY
WINDY CLIMATIC PUBLICATIONS, NOTARLY THOSE
DATA CENTER (NCEP). NOTE THAT THE 30-YEAR PER WILL
BE AVAILABLE FOR THE YEAR 1990 HAS BEEN PROCESSED.

DATA AND MONTHS WITH A VALUE OF ZERO, APPEAR AS BLANKS
AND (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (30 DAYS) THAT
WAS NOT AUTOMATICALLY.

IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE
WIND INDICATES "BASE TEMPERATURE" OF 65.0-65.5
IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 62.5 DEGREES,
INDICATING DEGREE DAYS.

IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE
WIND INDICATES "BASE TEMPERATURE" OF 66.0-66.5
IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
INDICATING DEGREE DAYS.

IS ASSIGNED AS THE NATIONWIDE STANDARD
WIND (AT LEAST THEORETICALLY) IN RELATIONS TO
WINDY BASE TEMPERATURE IS 65.0 IN 1961.
WINDY BY THE STATION, AND IS NOTED.

WINDY AVAILABLE FOR PAST TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHVILLE, NC

RELATING TO THIS CASE
FROM 1946 TO 1967

STATION NUMBER: 722270 STATION NAME: GIBBINS AFB, GA
EST TO UTC: + 5

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1946								
1947	531	759	529	92	47	4		
1948	368	428	329	71	10			
1949	423	395	402	197				
1950	324	422	477	248	4			
1951	555	535	334	213	24			
1952	504	432	441	167	27			
1953	572	495	335	126	5			
1954	537	445	414	74	113			
1955	700	539	340	77				
1956	753	432	373	205	14	7		
1957	523	345	452	135	36			
1958	334	501	504	161	31			
1959	740	502	450	135	15			
1960	572	530	745	121	53			
1961	535	449	340	235	51	5		
1962	728	425	520	245	2			
1963	555	510	449	163	29	1		
SD	140.54	124.17	113.16	56.80	33.06	2.41	.52	1

f

HEATING DEGREE DAYS
FROM DAILY OBSERVATIONS

BASE TEMPERATURE 65

PERIOD OF RECORD: SEP 44 - DEC 62

	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
1				25	115	205	558	956
2	4			5	191	321	559	2132
3			2	33	52	464	611	2579
4				15	57	554	755	2575
5				3	21	574	594	3049
6					265	424	598	3039
7				11	29	417	572	2916
8					122	504	549	3072
9					192	434	735	3041
10	7			9	76	475	373	2764
11				34	324	347	595	2500
12				2	144	315	721	3521
13				7	133	455	597	3545
14				7	189	395	716	3553
15	6			13	155	321	649	3199
16				27	123	424	591	3199
17	1			12	135	421	544	
18	2.41		.52	11.75	52.97	94.00	100.21	

OPERATING LOCATION NAME
USAF TAC, ASHVILLE- NC

COUNTING OF GREGG DAYS
FROM JULY 1950 TO 1951

STATION NUMBER: 722270 STATION NAME: DUBBINS AFB GA
LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1944								
1947				30	140	318	100	
1948		1	40	75	170	300	400	
1949			15	13	135	337	470	400
1950	4		0	13	225	375	500	400
1951				46	140	370	400	400
1952				00	130	300	300	400
1953			2	10	200	400	400	400
1954			21	67	100	270	40	400
1955			30	67	200	210	400	400
1956			14	43	200	300	400	400
1957		1		41	107	300	400	400
1958				20	100	300	400	400
1959				30	200	300	400	400
1960			1	44	170	300	400	400
1961			7	23	71	200	400	370
1962				23	301	300	400	400
MEAN	0	0	0	41	107	300	400	400
SD	1.00	.34	10.60	23.60	59.60	64.75	75.30	60.20

COUNTING DEGREE DAYS
FROM DAILY OBSERVATIONS

BASE TEMPERATURE 55

PERIOD OF RECORD: SEP 46 - DEC 52

STATION	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1				211	15	4		230
2	210	132						515
3	23	400	37	214	10	1		1756
4	327	472	400	183	32	2		1693
5	375	506	353	205	49	5		1625
6							5	1900
7	373	451	505	215	71			1360
8	505	524	422	167	12			1455
9	423	449	420	211	45			2012
10	279	51	514	222	122			1773
11	312	447	474	233	45	7		
12								
13	245	439	452	189	35	1		1720
14	300	432	444	255	10	10		1512
15	302	415	41	235	10	17		1517
16	304	427	411	255	112	4		1596
17	309	431	437	255	91			1449
18								
19	245	417	375	213	30	25		1400
20	320	420	415	224	35			1797
21								
22	354	431	333	234	52	5		
23	54.73	45.37	46.22	45.51	35.14	7.75	1.25	

.....
 A 4 5 STATION NAME: DOWNSIDE AB, GA
 CLIMATIC BRIEF LATITUDE/LONGITUDE: 33 05 N 84 31 W
 (LIMITED) MONTHLY OBS PER: JUN 73 - MAY 88
 SUMMARY OF DAY PER: SEP 45-JUL 47, JAN 48-MAY 49
 MONTHS SUMMARIZED: 00-23 LST (SEP 45-JUL 47, JAN 48-JUL 49,
 LST TO JTC: 405
 SEP 49

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL
EXTREM MAX TEMP (F)	73	79	85	91	94	100	107
MEAN MAX TEMP (F)	60.0	64.4	61.9	71.5	74.7	81.2	87.1
MEAN TEMP (F)	41.5	44.8	51.3	60.9	64.3	71.3	79.1
MEAN MIN TEMP (F)	32.5	34.9	41.4	49.3	54.0	61.1	69.1
EXTREM MIN TEMP (F)	-4	2	10	24	38	48	56
D/W TEMP GE 25 (F)	0	0	0	0	0	1	1
D/W TEMP GE 40 (F)	0	0	0	1	1	7	10
D/W TEMP LT 33 (F)	15	12	6	1	0	0	0
D/W TEMP LT 25 (F)	7	4	1	0	0	0	0
HEATING DEGREE DAYS	658	510	449	163	29	1	0
COOLING DEGREE DAYS	0	0	0	41	167	364	431
MEAN DOWNGOINT TEMP (F)	26.5	31.2	37.3	43.0	50.4	54.1	62.1
MEAN WET BULB TEMP (F)	35.3	39.3	45.4	52.7	51.5	54.7	61.1
99.95% WCPA (FT)	1450	1500	1550	1550	1300	1000	1100
MEAN REL HUM 07 LST(%)	79.5	72.7	70.8	71.5	76.3	80.4	81.2
MEAN REL HUM 14 LST(%)	63.2	52.9	41.5	47.0	51.4	58.7	60.5
MAX 24HR PRECIP (IN)	4.65	4.40	4.21	3.14	4.27	3.25	2.1
MAX PRECIP (IN)	12.55	11.15	13.33	12.55	8.35	10.41	11.0
MEAN PRECIP (IN)	4.77	4.74	5.74	4.52	4.41	3.11	2.1
MIN PRECIP (IN)	.73	.79	1.56	.33	.24	.7	.14
D/W PRECIP GE .01 (IN)	11	10	11	3	3	3	11
D/W PRECIP GE .50 (IN)	3	3	4	3	3	0	0
MAX 24HR SNEL (IN)	6.0	4.0	5.2	1.0	0	0	0
MAX SNEL (IN)	6.0	5.2	12.5	1.0	0	0	0
MEAN SNEL (IN)	.7	.6	.6	.8	.6	.2	.1
D/W SNEL GE .1 (IN)	1	1	1	2	0	0	0
D/W SNEL GE 1.5 (IN)	1	1	1	0	0	0	0
MAX JULY SNO DEPTH (IN)	4	3	3	0	0	0	0
MEAN SEC WND DIR (DEG)	300	300	300	400	300	300	300
MEAN WND SPD (KTS)	6.4	6.3	5.9	5.5	4.1	3.8	3.7
MAX WND SPD (KTS)	62	64	62	50	53	78	70
SKY COVER GT 1/2 (%)	58.0	62.7	57.0	52.5	55.0	50.4	53.2
D/W THUNDERSTORMS	1	1	3	4	6	8	11
D/W FOG (VSBY LT 7 MI)	14	12	13	11	14	15	17

.....
 LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH
 S = BASED ON LESS THAN FULL MONTHS
 ** = INSTANTANEOUS PEAK WINDS
 * = DATA NOT AVAILABLE

PER/YO = PERIOD/YOARS
 WCPA = WINDSTORM CASE MAX
 W = LESS THAN 0.
 S = PERCENTAGE OF
 WINDS

1947-31-4

1947, JAN 48-MAY 48

SEP 48-JUL 49, JAN 50-JUL 50, 05-23 LST (FEB 50-MAY 50)

FIELD NO: 1000-51

STATION MNC: 722070

CALL SIGN: KMG

SUPERCEDES: MAY 48

1947	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YTD
91	94	100	102	104	99	95	93	76	104	43
71.4	74.0	76.2	77.3	78.9	71.2	71.4	61.5	55.1	70.3	43
50.4	53.3	55.2	57.1	58.1	52.2	51.7	51.7	44.2	50.7	43
44.4	47.3	49.1	50.7	51.9	42.3	41.1	41.4	35.2	41.0	43
24	34	45	54	55	33	23	4	-1	-4	43
1	6	1	3	2	1	2	0	0	7	43
1	1	7	12	10	3	2	1	0	33	43
1	0	0	0	0	0	1	5	14	56	43
1	0	0	0	0	0	0	1	4	17	43
143	29	1			12	136	421	544	3020	17
41	147	344	431	433	234	52	5	2	1749	17
53.4	55.4	54.1	57.2	55.7	52.3	50.1	42.5	32.3	45.5	10
42.7	51.5	53.5	52.5	53.2	53.4	49.9	49.0	40.5	50.1	10
1450	1300	1250	1180	1220	1250	1250	1350	1350	1400	10
71.5	75.3	70.4	71.1	71.3	63.4	71.2	73.4	74.0	77.0	10
57.3	61.4	58.7	56.4	57.0	57.3	54.4	55.5	53.1	53.7	10
5.4	4.27	3.23	3.23	2.34	3.51	4.45	4.42	2.79	4.02	43
10.55	8.35	10.41	11.21	9.15	8.72	8.35	15.22	12.34	73.29	43
4.52	4.41	3.61	4.40	3.75	3.35	3.05	3.77	4.50	52.11	43
1.34	1.24	1.70	1.47	1.53	1.02	1.15	3	1.62	55.72	43
1	2	3	12	9	1	0	0	10	112	43
3	3	3	3	3	2	2	3	5	35	43
1.0	0	0	0	0	0	0	0.9	3.5	6.0	39
1.0	0	0	0	0	0	0	0.9	5.1	13.1	39
0	0	0	0	0	0	0	0	0.4	2.1	39
1	0	0	0	0	0	0	0	1	4	39
0	0	0	0	0	0	0	0	0	3	39
0	0	0	0	0	0	0	0	1	4	39
300	300	300	300	300	300	300	300	300	300	10
5.5	4.1	3.5	3.7	3.3	3.5	4.3	4.3	2.4	4.7	10
50	53	74	59	69	65	45	50	49	75	37
52.5	55.0	50.4	53.0	53.1	47.0	45.5	55.0	54.7	54.0	10
4	6	8	11	5	3	1	1	1	46	39
11	14	15	17	15	15	14	14	14	174	39

PER/YR = PERIOD/YEARS OF RECORD

MOPA = MEAN SEASONAL MAXIMUM PRESSURE ALTITUDE

0 = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

5 = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND VELOCITY

		PERCENT OCCURRENCE BY MONTH						
		MONTH	JAN	FEB	MAR	APR	MAY	JUN
		00 - 04	*	*	*	*	*	*
		05 - 09	31.5	30.2	29.2	17.7	17.2	18.1
		10 - 14	34.2	34.2	28.2	11.3	21.3	23.2
		15 - 19	34.5	34.4	27.9	20.8	20.4	21.2
		20 - 24	30.2	31.4	21.5	18.3	14.1	10.7
		25 - 29	25.3	26.5	15.7	13.2	8.4	5.7
		30 - 34	24.8	24.3	13.8	10.4	5.5	3.9
		35 - 39	25.5	24.4	14.7	15.5	8.7	5.7
		ALL	29.5	29.3	20.8	15.2	13.2	12.5
		00 - 04	*	*	*	*	*	*
		05 - 09	22.7	22.7	18.5	11.3	13.5	13.7
		10 - 14	25.2	24.5	20.5	15.2	17.7	19.2
		15 - 19	24.7	23.7	18.5	13.1	17.7	11.4
		20 - 24	19.5	20.3	12.5	8.4	5.3	3.9
		25 - 29	17.9	17.9	7.8	5.4	3.5	1.9
		30 - 34	16.2	17.3	8.4	5.4	3.4	1.5
		35 - 39	17.2	17.7	10.1	7.3	2.7	2.2
		ALL	20.2	20.1	13.5	8.5	7.7	11.1
		00 - 04	*	*	*	*	*	*
		05 - 09	19.2	17.0	14.7	8.1	11.2	10.4
		10 - 14	20.2	21.1	16.3	12.7	12.7	13.3
		15 - 19	13.9	20.1	13.5	8.7	7.4	6.2
		20 - 24	15.2	14.5	7.2	5.2	3.7	2.1
		25 - 29	13.5	12.7	5.3	4.5	2.1	1.7
		30 - 34	12.2	14.3	7.3	3.9	1.8	1.0
		35 - 39	14.2	14.4	7.2	4.4	2.0	1.2
		ALL	15.1	15.2	9.7	6.4	5.3	4.7
		00 - 04	*	*	*	*	*	*
		05 - 09	2.5	1.2	2.5	1.1	1.4	1.1
		10 - 14	2.5	3.3	2.7	1.5	1.3	1.7
		15 - 19	2.4	1.0	1.4	1.2	1.1	1.1
		20 - 24	1.2	1.3	1.3	1.3	1.1	1.1
		25 - 29	1.4	1.4	1.3	1.2	1.1	1.1
		30 - 34	2.0	1.0	1.0	1.1	1.1	1.1
		35 - 39	2.7	1.1	1.0	1.3	1.1	1.1
		ALL	2.1	1.5	1.0	1.4	1.2	1.1
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1999								
		HRTS	JAN	FEB	MAR	APR	MAY	JUN
		0000	0/0	0/0	0/0	0/0	0/0	0/0
		1200	0/0	0/0	0/0	0/0	0/0	0/0
		2400	0/0	0/0	0/0	0/0	0/0	0/0
		HRTS	JUL	AUG	SEP	OCT	NOV	DEC
		0000	0/0	0/0	1/3	0/0	0/0	0/0
		1200	0/0	1/7	1/7	1/3	0/0	0/0
		2400	3/3	12/12	2/22	3/15	1/1	1/1

.....
 FANT OCCURRENCE FREQUENCY OF CHILLING AND VISIBILITY

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB

*	*	*	*	*	*	*	*	*	*	*
17.7	17.2	18.1	17.8	20.6	22.2	20.5	32.1	22.5	25.5	10
21.3	21.3	22.9	26.1	31.3	27.2	22.2	35.3	31.5	22.7	11
20.2	20.4	21.0	23.0	22.5	25.0	25.4	35.6	31.4	26.7	12
18.8	14.1	10.3	14.0	12.2	17.1	13.4	20.3	25.5	20.4	10
13.3	7.4	4.0	.1	4.6	11.3	14.1	23.0	20.7	18.0	10
12.4	5.5	3.9	1.3	4.2	0.9	11.2	21.1	18.5	12.9	10
17.2	5.7	1.7	7.2	5.6	10.0	15.5	22.2	18.3	14.2	10
15.3	13.3	12.5	15.1	14.7	17.5	19.6	25.3	25.1	20.0	10

*	*	*	*	*	*	*	*	*	*	*
11.0	13.5	15.0	17.7	17.5	15.2	17.5	25.6	22.2	18.5	10
15.2	17.7	12.7	24.5	23.6	24.2	24.4	25.5	24.0	28.2	10
13.2	12.7	11.4	17.1	13.1	15.3	20.2	25.3	24.1	18.7	10
5.8	5.3	3.4	5.2	3.3	2.7	12.3	19.4	17.2	11.5	10
5.4	3.5	1.9	4.2	1.3	7.1	10.5	14.4	13.5	3.5	10
5.4	3.4	1.5	3.7	1.0	5.7	9.1	12.2	13.5	1.2	10
7.0	2.2	2.3	1.1	4.0	7.5	11.0	15.5	14.3	2.5	10
5.5	1.7	7.7	11.2	3.9	13.1	15.2	20.1	17.0	15.2	10

*	*	*	*	*	*	*	*	*	*	*
5.1	11.0	10.4	12.0	12.0	14.5	13.3	25.9	18.3	14.5	10
12.5	12.7	13.9	17.5	15.7	21.0	17.5	24.2	20.5	17.5	10
5.5	7.4	5.7	5.7	5.7	12.0	15.5	23.1	20.2	15.1	10
5.2	5.7	5.5	1.5	1.3	5.5	2.5	13.5	12.7	7.7	10
4.0	2.2	5.7	2.2	1.0	4.3	7.7	11.2	11.3	5.5	10
3.5	1.9	5.0	1.5	1.1	4.4	7.7	11.4	11.5	6.5	10
5.5	2.0	1.2	2.1	2.2	5.5	3.0	11.0	11.2	7.1	10
5.4	5.2	4.5	7.2	2.1	2.4	11.5	15.7	14.2	10.2	10

*	*	*	*	*	*	*	*	*	*	*
1.1	5.5	5.0	1.5	5.7	1.1	2.5	3.2	3.7	1.0	10
5.3	1.0	5.7	5.5	1.1	1.2	3.2	3.9	3.2	2.6	10
5.2	5.0	5.5	5.1	5.0	5.0	1.3	1.1	2.5	5.5	10
5.3	5.1	5.0	5.0	5.0	5.0	5.5	5.3	5.7	5.4	10
5.2	5.1	5.1	5.1	5.1	5.1	5.3	5.4	1.0	5.5	10
5.2	5.1	5.2	5.1	5.0	5.0	5.5	1.2	1.5	5.5	10
5.5	5.5	5.5	5.5	5.5	5.5	5.5	1.4	1.5	5.7	10
5.4	5.3	5.2	5.2	5.3	5.4	1.3	1.3	1.0	5.5	10

.....
 1960 : 1960 - 1960

	APR	APR	MAY	JUN
7/5	5/5	5/5	5/5	5/1
7/5	5/5	5/5	5/5	5/4
7/5	5/5	5/5	5/5	2/12

	APR	APR	MAY	JUN	APR
7/5	1/3	5/5	5/5	5/5	1/5
7/5	1/7	1/3	5/5	5/5	3/21
7/12	5/22	3/15	1/1	5/5	27/52

.....