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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
**NASA SHUTTLE LANDING
FACILITY, FL**

Prepared by

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

JANUARY 1989

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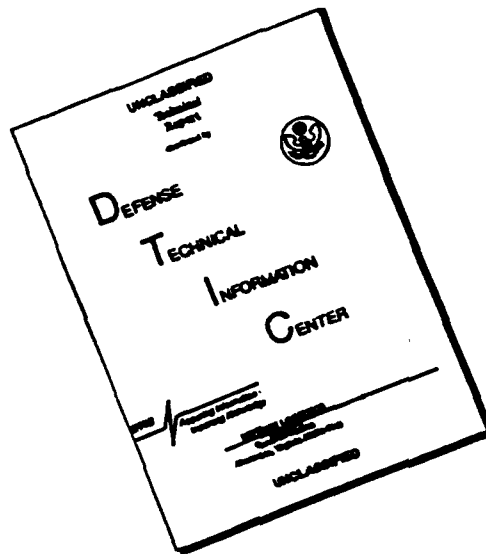
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12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

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

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PREFACE

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

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

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: NOV 78 - OCT 88 (AIRWAYS).

SUMMARY OF DAY DATA: MAR 78 - OCT 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	4.6				4.6	11.9	.1			16.7	930
03-05	.3	5.3				5.3	14.3	.1			19.7	930
06-08		4.2				4.2	19.8	.4			24.4	930
09-11	.4	4.0				4.0	11.7	1.6			17.3	930
12-14	.2	4.7				4.7	6.1	2.5			13.3	930
15-17	.4	4.3				4.3	6.0	3.1			13.4	930
18-20	.5	3.5				3.5	5.7	2.4			11.6	930
21-23	.2	4.5				4.5	7.1	.5			12.2	930
ALL HOURS	.3	4.4				4.4	10.3	1.3			16.1	7440

MONTH: FEB

00-02		4.9				4.9	8.7	.8			14.5	849
03-05	.4	5.2				5.2	12.1	.9			18.3	849
06-08	.4	6.1				6.1	20.5	1.4			28.0	849
09-11	.6	6.4				6.4	10.4	2.1			18.8	849
12-14	1.3	6.5				6.5	2.9	.9			10.4	849
15-17	.8	5.4				5.4	2.9	1.2			9.5	849
18-20	.7	6.4				6.4	5.5	3.7			15.5	849
21-23	.5	5.8				5.8	5.2	2.5			13.4	849
ALL HOURS	.6	5.8				5.8	8.5	1.7			16.1	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	5.1				5.1	4.6	1.0			10.6	930
03-05	1.0	4.7				4.7	7.1	1.0			12.8	930
06-08	.6	4.4				4.4	13.5	3.4			21.4	930
09-11	.4	4.3				4.3	3.9	2.3			10.4	930
12-14	1.0	4.8				4.8	1.3	1.2			7.3	930
15-17	.8	5.4				5.4	2.5	1.1			8.9	930
18-20	.8	4.9				4.9	3.3	1.3			9.6	930
21-23	.1	4.4				4.4	2.8				8.4	930
ALL HOURS	.7	4.8				4.8	4.9	1.5			11.2	7440

MONTH: APR

00-02	1.0	2.9				2.9	3.2	.2			6.3	900
03-05	.3	2.3				2.3	5.9	.9			9.1	900
06-08	.3	2.6				2.6	11.8	3.3			17.7	900
09-11	.9	2.6				2.6	1.3	1.9			5.8	900
12-14	2.2	3.9				3.9	.7	.7			5.2	900
15-17	2.3	4.6				4.6	1.3	.6			6.4	900
18-20	1.6	3.1				3.1	.6	.9			4.6	900
21-23	1.2	2.9				2.9	.7	.3			3.9	900
ALL HOURS	1.2	3.1				3.1	3.2	1.1			7.4	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	2.3				2.3	1.6	.6			4.5	930
03-05	.4	1.6				1.6	4.5	.9			7.0	930
06-08	.5	2.6				2.6	8.3	3.4			14.3	930
09-11	1.0	3.0				3.0	.6	3.2			6.9	930
12-14	4.4	4.5				4.5	.4	1.4			6.3	930
15-17	6.3	4.9				4.9	.2	1.1			6.2	930
18-20	4.5	4.2				4.2	1.1	1.7			7.0	930
21-23	1.1	2.2				2.2	.6	.6			3.4	930
ALL HOURS	2.4	3.2				3.2	2.2	1.6			7.0	7440

MONTH: JUN

00-02	.7	1.8				1.8	1.4	1.6			4.8	900
03-05	.7	2.7				2.7	7.2	2.3			12.2	900
06-08	.2	2.3				2.3	8.4	6.0			16.8	900
09-11	1.3	2.4				2.4	.3	2.7			5.4	900
12-14	8.6	5.7				5.7	.1	1.6			7.3	900
15-17	12.4	6.1				6.1		1.8			7.9	900
18-20	7.7	6.7				6.7	.2	1.9			8.8	900
21-23	4.2	4.1				4.1	.2	1.4			5.8	900
ALL HOURS	4.5	4.0				4.0	2.3	2.4			8.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.5	.9				.9	.3	1.3			2.5	930
03-05	.3	.2				.2	2.9	3.1			6.2	930
06-08	1.2	1.5				1.5	6.6	8.5			16.6	930
09-11	1.6	1.8				1.8	.8	4.7			7.3	930
12-14	13.2	5.4				5.4	.5	4.8			10.8	930
15-17	16.2	9.5				9.5	.3	5.1			14.8	930
18-20	9.4	7.2				7.2	.8	5.8			13.8	930
21-23	3.2	2.9				2.9	.2	2.6			5.7	930
ALL HOURS	5.8	3.7				3.7	1.5	4.5			9.7	7440

MONTH: AUG

00-02	1.2	2.3				2.3	1.7	1.6			5.6	930
03-05	.9	1.5				1.5	4.2	1.6			7.3	930
06-08	.6	1.2				1.2	7.7	2.8			11.7	930
09-11	3.1	3.9				3.9	.4	1.3			5.6	930
12-14	11.0	7.5				7.5	.4	1.1			9.0	930
15-17	17.4	8.8				8.8	1.4	1.7			11.9	930
18-20	8.2	8.1				8.1	1.1	3.1			12.3	930
21-23	1.7	3.8				3.8	.9	2.2			6.8	930
ALL HOURS	5.5	4.6				4.6	2.2	1.9			8.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.0	3.3				3.3	1.1	.8			5.2	900
03-05	2.0	3.4				3.4	3.6	1.3			8.3	900
06-08	1.3	3.9				3.9	6.4	2.2			12.6	900
09-11	2.6	5.1				5.1	1.2	2.1			8.4	900
12-14	5.6	6.7				6.7	.4	1.0			8.1	900
15-17	7.4	7.4				7.4	.4	1.3			9.2	900
18-20	4.9	8.4				8.4	.4	1.8			10.7	900
21-23	2.3	6.7				6.7	.1	.7			7.4	900
ALL HOURS	3.5	5.6				5.6	1.7	1.4			8.8	7200

MONTH: OCT

00-02	1.8	3.5				3.5	2.0	.6			6.2	930
03-05	.9	1.9				1.9	6.5	.6			9.0	930
06-08	.6	2.8				2.8	12.6	1.5			16.9	930
09-11	.2	2.4				2.4	1.9	.8			5.1	930
12-14	.8	3.3				3.3	.4	.2			4.0	930
15-17	2.2	3.7				3.7	.6	.3			4.6	930
18-20	1.7	2.6				2.6	.3	.9			3.8	928
21-23	.5	2.9				2.9	.3	.6			3.9	927
ALL HOURS	1.1	2.9				2.9	3.1	.7			6.7	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	3.8				3.8	4.0	.8			8.6	900
03-05	.4	3.6				3.6	8.0				11.6	900
06-08	.3	4.2				4.2	12.0	.6			16.8	900
09-11	.4	3.8				3.8	3.2	.6			7.6	900
12-14	.9	4.8				4.8	1.0	1.0			6.8	900
15-17	.6	5.3				5.3	1.3	1.7			8.3	900
18-20	.6	4.8				4.8	2.0	2.0			8.8	900
21-23	.6	5.0				5.0	1.9	1.1			8.0	900
ALL HOURS	.5	4.4				4.4	4.2	1.0			9.5	7200

MONTH: DEC

00-02		4.5				4.5	10.2	.3			15.1	930
03-05	.4	4.2				4.2	15.5	.2			19.9	930
06-08	.1	4.6				4.6	19.1	.6			24.4	930
09-11		3.8				3.8	8.5	1.0			13.2	930
12-14	.5	2.7				2.7	2.4	1.4			6.5	930
15-17	1.0	5.7				5.7	2.9	1.0			9.6	930
18-20	.5	5.4				5.4	4.8	1.2			11.4	930
21-23	.2	4.9				4.9	5.4	1.0			11.3	930
ALL HOURS	.3	4.5				4.5	8.6	.8			13.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	4.4				4.4	10.3	1.3			16.1	7440
FEB	.6	5.8				5.8	8.5	1.7			16.1	6792
MAR	.7	4.8				4.8	4.9	1.5			11.2	7440
APR	1.2	3.1				3.1	3.2	1.1			7.4	7200
MAY	2.4	3.2				3.2	2.2	1.6			7.0	7440
JUN	4.5	4.0				4.0	2.3	2.4			8.6	7200
JUL	5.8	3.7				3.7	1.5	4.5			9.7	7440
AUG	5.5	4.6				4.6	2.2	1.9			8.8	7440
SEP	3.5	5.6				5.6	1.7	1.4			8.8	7200
OCT	1.1	2.9				2.9	3.1	.7			6.7	7435
NOV	.5	4.4				4.4	4.2	1.0			9.5	7200
DEC	.3	4.5				4.5	8.6	.8			13.9	7440
ANNUAL	2.2	4.2				4.2	4.4	1.7			10.3	87667

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	4.2	33.2				33.2	39.4	9.4			55.8	310
FEB	7.8	33.2				33.2	39.2	9.9			54.8	283
MAR	9.8	32.0				32.0	28.0	12.0			50.8	325
APR	9.7	23.6			.6	23.6	21.8	10.9			39.4	330
MAY	22.9	31.4			.6	31.4	19.1	9.7			45.2	341
JUN	40.3	44.2				44.2	18.2	11.8			57.0	330
JUL	51.6	41.3				41.3	13.5	16.4			55.7	341
AUG	48.4	47.2			.3	47.2	18.5	8.8			58.9	341
SEP	30.9	50.3				50.3	14.5	5.5			57.3	330
OCT	12.6	38.7				38.7	19.4	5.6			52.8	341
NOV	6.7	33.3				33.3	24.7	6.7			48.3	300
DEC	5.2	30.3				30.3	34.8	5.2			51.9	310
ANNUAL	21.4	36.7			.1	36.7	23.9	9.4			52.3	3882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.2		.8	1.0	.6	.7	1.5	1.2	2.0	1.8	.3	
03-05	.3	.4	1.0	.3	.4	.7	.3	.9	2.0	.9	.4	.4
06-08		.4	.6	.3	.5	.2	1.2	.6	1.3	.6	.3	.1
09-11	.4	.6	.4	.9	1.0	1.3	1.6	3.1	2.6	.2	.4	
12-14	.2	1.3	1.0	2.2	4.4	8.6	13.2	11.0	5.6	.8	.9	.5
15-17	.4	.8	.8	2.3	6.3	12.4	16.2	17.4	7.4	2.2	.6	1.0
18-20	.5	.7	.8	1.6	4.5	7.7	9.4	8.2	4.9	1.7	.6	.5
21-23	.2	.5	.1	1.2	1.1	4.2	3.2	1.7	2.3	.5	.6	.2
ALL HOURS	.3	.6	.7	1.2	2.4	4.5	5.8	5.5	3.5	1.1	.5	.3
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7435	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS			22.7	9.1	13.6	31.8	22.7	22
LIQUID PRECIP	.3		27.1	14.0	27.4	21.0	10.2	314
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.6		45.7	8.3	6.8	13.3	18.3	761
FOG WITH VIS GE 1/2 MILES	7.1		47.1	8.2	6.6	12.6	18.4	716
TOTAL OBS	298	0	1696	1023	1174	1530	1719	7440

MONTH: FEB HOURS: ALL

TSTMS			10.3	20.5	28.2	25.6	15.4	39
LIQUID PRECIP	.8		23.0	27.9	13.7	23.3	11.2	365
FREEZING PRECIP								
FROZEN PRECIP								
FOG	5.2		42.1	11.9	5.4	19.3	16.1	579
FOG WITH VIS GE 1/2 MILES	5.0		42.9	12.8	5.7	19.4	14.2	541
TOTAL OBS	106	0	1321	1354	1450	1430	1131	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS			8.0	12.0	34.0	30.0	16.0	50
LIQUID PRECIP			16.9	24.1	34.5	17.9	6.6	319
FREEZING PRECIP								
FROZEN PRECIP								
FOG	3.9		22.9	26.2	14.1	16.6	16.3	362
FOG WITH VIS GE 1/2 MILES	3.8		23.1	26.9	14.5	16.8	15.0	346
TOTAL OBS	61	0	978	1692	2124	1654	931	7440

MONTH: APR HOURS: ALL

TSTMS			10.1	21.3	29.2	24.7	14.6	89
LIQUID PRECIP			3.0	25.9	38.0	24.7	8.4	166
FREEZING PRECIP								
FROZEN PRECIP								
FOG	6.6		7.0	15.7	12.7	34.9	23.1	229
FOG WITH VIS GE 1/2 MILES	6.7		7.1	15.6	12.9	35.6	22.2	225
TOTAL OBS	86	0	637	1562	2236	1883	796	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: ALL

PHENOMNA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	.6		5.7	23.3	39.2	21.6	9.7	176
LIQUID PRECIP	2.8		9.7	26.9	37.2	18.6	4.8	145
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.1		9.0	13.5	17.9	27.6	25.0	156
FOG WITH VIS GE 1/2 MILES	7.1		9.1	13.6	18.2	26.	25.3	154
TOTAL OBS	147	0	407	2205	2900	1290	491	7440

MONTH: JUN HOURS: ALL

TSTMS	1.6		9.6	18.9	38.2	24.2	7.5	322
LIQUID PRECIP	.6		10.1	27.0	34.3	20.2	7.9	178
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.4		8.9	10.8	19.0	35.4	14.6	158
FOG WITH VIS GE 1/2 MILES	11.0		7.8	11.0	19.5	36.4	14.3	154
TOTAL OBS	219	0	286	1920	2415	1926	434	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	.7		6.5	21.7	40.3	20.7	10.1	434
LIQUID PRECIP			4.8	21.1	36.7	30.6	6.8	147
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.9		10.7	17.0	8.0	38.4	17.0	112
FOG WITH VIS GE 1/2 MILES	9.1		10.9	17.3	7.3	38.2	17.3	110
TOTAL OBS	166	0	261	1431	2955	2232	395	7440

MONTH: AUG HOURS: ALL

TSTMS	1.7		9.0	18.8	36.1	26.3	8.0	410
LIQUID PRECIP	1.3		5.3	16.8	42.0	30.5	4.0	226
FREEZING PRECIP								
FROZEN PRECIP								
FOG	27.0		8.6	12.3	8.0	28.8	15.3	163
FOG WITH VIS GE 1/2 MILES	27.0		8.6	12.3	8.0	28.8	15.3	163
TOTAL OBS	565	0	334	1766	2526	1823	426	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	6.3		8.7	32.4	22.9	21.3	8.3	253
LIQUID PRECIP	1.9		5.9	37.5	20.7	28.5	5.6	323
FREEZING PRECIP								
FROZEN PRECIP								
FOG	17.0		13.4	14.3	10.7	24.1	20.5	112
FOG WITH VIS GE 1/2 MILES	17.0		13.4	14.3	10.7	24.1	20.5	112
TOTAL OBS	544	0	506	2931	1767	1021	431	7200

MONTH: OCT HOURS: ALL

TSTMS	2.5		9.9	19.8	40.7	14.8	12.3	81
LIQUID PRECIP	2.2		18.9	51.4	16.8	7.0	3.8	185
FREEZING PRECIP								
FROZEN PRECIP								
FOG	13.5		19.6	8.7	7.8	13.9	36.5	230
FOG WITH VIS GE 1/2 MILES	13.8		19.6	8.9	8.0	14.2	35.6	225
TOTAL OBS	361	0	890	3411	1305	733	735	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS			8.1	35.1	32.4	21.6	2.7	37
LIQUID PRECIP	3.7		15.0	40.2	21.3	11.6	8.3	301
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.7		21.7	10.3	6.7	22.3	31.3	300
FOG WITH VIS GE 1/2 MILES	8.6		21.6	11.2	6.7	22.7	29.4	269
TOTAL OBS	271	0	1177	2119	1653	870	1110	7200

MONTH: DEC HOURS: ALL

TSTMS			11.5	15.4	26.9	38.5	7.7	26
LIQUID PRECIP	1.5		22.7	27.6	22.4	17.9	7.9	330
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.7		33.2	10.2	11.6	16.	20.6	636
FOG WITH VIS GE 1/2 MILES	7.2		35.1	10.4	12.1	15.6	19.5	569
TOTAL OBS	274	0	1458	1558	1579	1284	1287	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	1.8		8.5	21.8	35.2	23.3	9.5	1939
LIQUID PRECIP	1.3		15.1	28.3	27.0	20.8	7.5	2999
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.5		28.5	12.4	9.7	20.4	20.6	3798
FOG WITH VIS GE 1/2 MILES	8.4		28.9	12.8	9.8	20.3	19.8	3584
TOTAL OBS	3098	0	9951	22972	24084	17676	9886	87667

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AA AA	RRRRRRR	TT	BBBBBBBBB
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

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

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

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

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

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

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

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

CONVERSIONS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	66.8	66.8	67.4	76.4	68.3	55.2	58.1	52.8	49.1	60.7	66.3	69.4	62.9
TRACE	11.3	6.0	9.8	5.5	6.5	7.9	7.0	9.4	9.1	9.4	6.3	5.8	7.9
.01	3.9	2.1	1.8	3.0	2.1	1.8	2.3	1.8	2.7	3.5	3.7	3.2	2.7
.02-.05	3.5	3.9	3.7	4.2	3.5	7.3	3.5	6.7	7.9	6.7	5.7	6.1	5.3
.06-.10	2.3	3.2	2.5	1.5	2.6	4.8	4.1	5.6	3.6	3.5	4.0	3.5	3.5
.11-.25	4.2	6.4	4.0	2.4	5.9	7.0	5.6	5.0	7.9	5.0	3.0	3.5	5.0
.26-.50	2.9	4.6	2.5	2.4	5.3	4.8	5.9	6.2	6.4	5.3	3.0	2.9	4.4
.51-1.00	3.2	3.5	5.8	3.0	2.9	6.1	7.6	6.7	7.0	2.9	4.0	2.6	4.7
1.01-2.50	1.3	3.5	1.8	.9	2.9	4.8	5.3	5.6	5.5	2.9	3.3	2.6	3.4
2.51-5.00	.6		.6	.3		.3	.6	.3	.6		.3	.3	.3
5.01-10.00				.3					.3		.3		.1
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	21.9	27.2	22.8	18.2	25.2	37.0	34.9	37.8	41.8	29.9	27.3	24.8	29.2
TOTAL NO. OF OBSERVATIONS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			.43*	.04	3.05	8.85	12.79	1.14	3.30	4.41	.64	3.48	38.13*
79	6.94	1.26	1.35	.74	5.01	4.56	3.46	9.09	14.71	3.14	4.55	.83	55.64
80	2.29	2.94	1.26	2.11	4.22	2.70	6.68	3.05	3.16	2.07	4.33	1.95	36.76
81	.06	3.96	1.97	.17	1.18	4.85	6.39	5.45	5.57	4.14	3.44	2.83	40.01
82	1.57	1.76	4.30	7.82	4.53	5.24	8.59	2.85	11.22	1.16	1.97	3.84	54.85
83	3.12	7.84	4.17	4.61	1.80	7.53	2.35	4.91	2.57	6.00	1.46	5.85	52.21
84	1.72	4.06	1.07	3.65	3.57	2.20	7.22	4.76	6.69	.53	8.72	.30	44.49
85	.09	.70	3.26	4.16	4.13	5.06	4.71	10.06	8.44	5.02	2.73	2.72	51.08
86	7.08	2.09	1.85	.48	1.75	2.49	5.60	5.32	2.09	1.42	.17	3.95	34.29
87	.96	2.47	8.54	.94	2.56	4.96	4.21	3.25	9.82	3.48	10.82	.47	52.48
88	2.48	1.77	5.03	1.99	2.09	5.62	7.48	7.38	2.90	3.15			39.89*
LEAST	.06	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29
GREATEST	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5.85	55.64
MEAN	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87
MEDIAN	2.01	2.28	2.62	1.99	3.05	4.96	6.39	4.91	5.57	3.15	3.09	2.78	51.08
SD	2.507	2.050	2.334	2.414	1.294	2.031	2.843	2.726	4.178	1.711	3.456	1.768	8.151
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 14.71 OCCURRED ON 09/79

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			.40*	.03	1.45	3.09	2.48	.29	1.02	2.16	.43	1.67	3.09*
79	4.55	.58	.95	.43	1.49	2.27	1.36	1.97	3.60	1.23	1.75	.38	4.55
80	1.07	1.50	.80	1.43	2.14	1.34	2.50	1.09	.90	.88	1.80	1.03	2.50
81	.05	2.22	.96	.12	.66	2.13	3.30	2.13	2.11	1.64	2.11	1.12	3.30
82	.74	.70	1.45	5.13	1.39	2.39	2.45	.83	5.31	.75	.55	1.36	5.31
83	1.27	1.89	1.05	1.76	.95	1.78	.91	1.53	.68	1.03	.54	2.76	2.76
84	.53	1.02	.38	2.15	2.42	.64	2.76	1.26	2.11	.29	3.20	.12	3.20
85	.07	.40	3.03	3.57	1.59	1.05	1.10	1.45	2.13	1.47	1.55	1.97	3.57
86	4.14	1.44	.56	.25	1.06	.95	2.41	1.13	.69	.88	.09	1.95	4.14
87	.42	1.01	2.54	.65	1.76	1.60	1.46	1.42	1.83	1.84	5.12	.34	5.12
88	.74	.71	1.36	.73	.70	1.55	1.98	2.89	1.10	2.31			2.89*
GREATEST	4.55	2.22	3.03	5.13	2.42	3.09	3.30	2.89	5.31	2.31	5.12	2.76	5.31
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 5.31 OCCURRED ON 09/09/82

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	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
TRACE													
0.1-0.4													
0.5-1.4													
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF .0 OCCURRED ON 03/78

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
GREATEST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF .0 OCCURRED ON 03/17/78

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

0 OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	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
TRACE													
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			0*	0	0	0	0	0	0	0	0	0	0*
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0			0*
GREATEST	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 0 OCCURRED ON 03/17/78

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

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

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
78			03/*26	30/ 35	19/ 40	30/ 42	22/ 44	28/ 26	02/ 29	05/ 28	31/ 27	22/ 38	22/*44
79	26/ 45	34/ 34	26/ 36	11/ 30	03/ 31	03/ 29	21/ 33	26/ 40	09/ 67	27/ 29	02/ 28	26/ 33	09/ 67
80	16/ 32	24/ 35	27/ 42	26/ 37	31/ 41	22/ 42	22/ 5	20/ 31	04/ 21	02/ 21	22/ 23	36/ 25	22/ 50
81	34/ 26	01/ 32	29/ 40	34/ 29	28/ 40	28/ 38	17/ 42	17/ 33	31/ 30	35/ 34	08/ 32	24/ 32	17/ 42
82	28/ 44	25/ 33	20/ 39	27/ 46	22/ 33	16/ 45	27/ 43	20/ 41	31/ 32	03/ 40	35/ 28	12/ 26	27/ 46
83	11/ 37	07/ 41	16/ 43	28/ 38	32/ 46	22/ 36	33/ 37	28/ 30	15/ 33	27/ 30	11/ 42	30/ 35	32/ 46
84	27/ 45	29/ 42	26/ 44	25/ 36	19/ 29	23/ 37	24/ 50	23/ 45	11/ 40	36/ 25	34/ 40	28/ 26	24/ 50
85	27/ 30	28/ 35	06/ 32	15/ 31	28/ 36	29/ 48	22/ 37	09/ 36	17/ 48	23/ 47	18/ 32	30/ 28	29/ 48
86	29/ 42	34/ 33	29/ 46	26/ 28	28/ 31	19/ 29	30/ 36	21/ 43	12/ 27	04/ 25	02/ 28	26/ 28	29/ 46
87	33/ 38	16/ 28	07/ 35	27/ 31	19/ 24	30/ 45	36/ 35	21/ 26	22/ 26	35/ 32	30/ 33	27/ 32	30/ 45
88	03/ 35	33/ 34	27/ 34	36/ 40	17/ 40	16/ 27	34/ 36	12/ 44	15/ 32	31/ 45			31/*45
GREATEST	26/ 45	29/ 42	29/ 46	27/ 46	32/ 46	29/ 48	22/ 50	23/ 45	09/ 67	23/ 47	11/ 42	22/ 38	09/ 67
TOTAL OBS	308	282	322	330	340	329	341	341	329	340	298	309	3869

THE PEAK WIND OF 67 FROM 09/ OCCURRED ON 09/03/79

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.3	4.9	22.7	26.6	21.4	16.6	2.9	2.6	1.9	.0	.0	19.5	19.0	308
FEB	.0	3.2	18.1	24.5	26.2	18.4	7.1	1.8	.7	.0	.0	20.6	20.5	282
MAR	.0	1.6	13.0	28.6	26.7	15.5	9.0	3.7	1.9	.0	.0	21.6	20.0	322
APR	.0	2.4	12.1	34.8	28.8	13.9	5.5	1.8	.6	.0	.0	20.3	20.0	330
MAY	.0	2.9	10.9	44.1	25.9	11.2	2.4	1.2	1.5	.0	.0	19.4	19.0	340
JUN	.0	4.0	20.4	41.6	18.2	8.8	2.1	2.7	2.1	.0	.0	18.8	18.0	329
JUL	.0	2.9	19.6	32.6	19.1	12.0	5.6	4.7	2.9	.6	.0	20.5	18.0	341
AUG	.3	7.9	20.8	37.8	16.4	9.4	3.5	2.1	1.8	.0	.0	18.3	17.0	341
SEP	.0	8.2	26.1	31.9	19.5	9.1	3.6	.3	.6	.3	.3	17.7	17.0	329
OCT	.0	5.3	24.7	31.8	24.1	11.2	2.1	.0	.9	.0	.0	18.0	17.5	340
NOV	.0	6.0	24.8	31.5	22.5	11.4	2.7	.0	1.0	.0	.0	17.8	17.0	298
DEC	.0	8.1	25.9	30.4	20.7	11.3	2.9	.6	.0	.0	.0	17.6	17.0	309
ANNUAL	.1	4.8	19.9	33.2	22.4	12.3	4.1	1.8	1.3	.1	.0	19.2	18.0	3869

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.4	2.3	.1								8.6	7.3	7.0
020-040	1.6	1.7	.3									3.7	5.0	5.0
050-070	1.2	.3	.8									2.3	6.5	4.0
(E) 080-100	1.4	1.4	.3									3.1	5.3	5.0
110-130	1.0	2.5	.1	.2	.1							3.9	6.5	5.0
140-160	1.3	1.6										2.9	5.4	5.0
(S) 170-190	4.2	3.1	1.6	.2	.3	.1						9.6	6.6	5.0
200-220	3.3	3.3	1.0									7.6	5.8	6.0
230-250	1.5	2.0	.5									4.1	6.0	6.5
(W) 260-280	3.8	6.7	1.2	.1								11.7	5.9	6.0
290-310	8.0	7.0	3.4	.5								18.9	6.2	5.0
320-340	6.0	7.8	3.5	.9								18.3	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////	
TOTALS	35.1	41.8	15.0	2.0	.4	.1						100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.1	1.7									9.0	6.2	6.0
020-040	1.4	1.3	.1									2.8	5.2	4.5
050-070	.6	.2	.2									1.1	5.0	3.0
(E) 080-100	.9	1.3	1.0									3.1	7.6	7.0
110-130	1.0	1.4	.4	.1	.1							3.0	6.7	6.0
140-160	1.5	1.6	.2									3.3	4.6	5.0
(S) 170-190	2.4	3.9	1.8	.8	.1	.1						9.0	8.3	7.5
200-220	2.0	2.9	.3									5.3	5.2	5.0
230-250	2.4	3.1	.1									5.6	4.8	5.0
(W) 260-280	5.3	4.2	.8	.2								10.4	5.3	4.0
290-310	7.3	6.9	3.0	.1								17.3	6.1	5.0
320-340	7.1	11.4	5.6	.4								24.5	6.9	7.0
VARIABLE														
CALM	////////////////////											5.5	////////	
TOTALS	35.1	42.3	15.2	1.6	.2	.1						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	5.5	1.7									9.1	6.5	6.0
020-040	.5	1.3	.1									1.9	6.3	7.5
050-070	1.3	.4	.1									1.8	3.8	4.0
(E) 080-100	1.5	1.4	.4									3.3	5.9	5.0
110-130	1.5	1.3	.1	.3								3.2	5.8	5.0
140-160	1.4	2.8	.3									4.5	5.4	5.0
(S) 170-190	3.9	2.8	2.2	.5	.1							9.5	7.0	5.0
200-220	1.2	2.3	.6	.8								4.8	7.7	6.0
230-250	2.0	2.0	.5	.1								4.7	5.7	5.0
(W) 260-280	5.5	4.4	.4	.4								10.8	5.1	4.0
290-310	5.7	8.3	2.8	.6								17.4	6.6	6.0
320-340	4.8	11.0	5.4	.8	.2							22.2	7.3	6.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	31.2	43.5	14.6	3.5	.3							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.8	4.2	.6								12.8	8.4	8.0
020-040	1.1	1.4	1.5	.1		.1						4.2	8.2	8.0
050-070	1.0	.8	.6									2.4	6.5	5.5
(E) 080-100	.6	2.0	.6	.1								3.4	7.6	8.0
110-130	.4	1.3	1.6	.1								3.4	8.6	9.0
140-160	.9	1.4	2.0	.3								4.6	9.2	10.0
(S) 170-190	1.1	2.2	2.2	.6	.1							6.1	9.0	9.0
200-220	1.8	5.3	2.0	.5	.1							9.8	7.9	8.0
230-250	.9	3.0	.9	.5	.1							5.4	8.2	7.0
(W) 260-280	1.5	3.3	2.5	.9	.1							8.3	8.6	8.0
290-310	3.4	6.6	4.7	1.0								15.7	8.2	8.0
320-340	3.1	10.1	7.4	1.8	.1							22.6	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	18.0	43.2	30.2	6.5	.5	.1						100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.3	6.9	8.9	1.9								18.1	10.2	10.0	
020-040	.9	4.6	2.4	.1								8.0	8.2	7.5	
050-070	.3	1.5	1.8									3.7	8.7	9.5	
(E) 080-100	.3	2.5	1.3	.2								4.3	8.6	8.0	
110-130	.4	2.6	.6									3.7	7.7	8.0	
140-160	.8	1.4	2.3	1.1	.1							5.6	10.5	11.0	
(S) 170-190	.4	1.2	3.0	1.1								5.7	11.1	12.0	
200-220	1.5	2.8	4.0	.5	.2							9.0	9.5	10.0	
230-250	1.1	4.4	2.4	.6	.1	.1						8.7	8.9	8.0	
(W) 260-280	1.1	2.6	4.4	1.6	.4	.2	.1					10.4	11.3	10.0	
290-310	1.1	4.1	4.4	.9	.2							10.6	9.7	10.0	
320-340	.8	3.1	5.7	2.3	.3							12.2	11.3	12.0	
VARIABLE															
CALM	////////////////////////////////////												.1	////////////////////////////////	
TOTALS	9.0	37.7	41.2	10.3	1.3	.3	.1					100.0	9.9	10.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	8.7	8.5	1.5								19.7	9.5	10.0
020-040	1.7	6.3	2.4		.1							10.5	7.2	7.0
050-070	1.8	2.9	1.3	.1								6.1	6.7	6.0
(E) 080-100	.5	5.2	.5	.2								6.5	7.2	7.0
110-130	.6	3.8	.5									4.9	7.1	7.0
140-160	.3	3.2	3.7	.4	.2							7.8	9.9	10.0
(S) 170-190	.2	.9	1.8	.1								3.0	10.0	11.0
200-220	.6	2.7	1.3	.1								4.7	7.5	7.5
230-250	.8	3.3	1.4	.6	.1							6.2	8.8	8.0
(W) 260-280	1.1	4.0	4.7	1.8	.5	.5						12.7	11.2	11.0
290-310	1.2	3.8	2.9	1.2	.3	.2						9.6	9.9	9.0
320-340	.5	2.2	4.4	.5	.2							7.8	10.6	11.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	10.3	47.0	33.4	6.5	1.4	.7						100.0	9.0	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.3	10.4	2.6	.6								18.9	6.7	6.0
020-040	3.4	2.4	.2									6.0	4.8	4.0
050-070	3.1	1.9	.3	.1								5.5	5.1	4.0
(E) 080-100	3.9	2.8										6.7	4.3	4.0
110-130	2.2	1.8		.3								4.3	5.4	4.5
140-160	2.9	5.3	1.4	.2								9.8	6.2	5.0
(S) 170-190	1.7	1.3	.9	.3								4.2	6.7	5.0
200-220	.8	2.5	.1									3.3	5.4	5.0
230-250	1.2	2.0	.8									4.0	6.5	6.0
(W) 260-280	2.8	5.4	3.9	.8	.4							13.2	8.5	8.0
290-310	1.9	3.2	1.6	.5	.1							7.4	7.9	7.0
320-340	2.5	4.8	3.1	.8								11.2	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	31.7	43.8	14.9	3.6	.5							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - CT 88
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.5	5.3	2.6	.6								12.0	7.1	6.0
020-040	1.8	1.4	.5									3.8	5.7	5.0
050-070	1.8	.8	.4									3.0	5.3	4.0
(E) 080-100	2.8	1.2	.3	.1								4.4	4.8	4.0
110-130	2.2	3.0	.2	.1	.2							5.7	5.8	5.0
140-160	1.7	3.7	1.4	.1								6.9	7.0	6.5
(S) 170-190	3.1	2.5	.9	.3	.2							7.0	6.6	5.0
200-220	1.4	3.3	.1	.1								4.9	6.0	6.0
230-250	1.1	2.9	.3									4.3	6.3	6.5
(W) 260-280	3.5	4.6	2.6	.3		.1						11.2	7.3	6.0
290-310	4.8	6.1	2.7	.6								14.3	6.8	6.0
320-340	5.2	5.6	4.1	.3								15.2	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////										7.3	////////////////////////////////		
TOTALS	32.9	40.4	16.1	2.5	.4	.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	6.4	4.1	.7								13.5	8.0	8.0
020-040	1.6	2.6	.9	.0	.0	.0						5.1	6.6	6.0
050-070	1.4	1.1	.7	.0								3.2	6.2	5.0
(E) 080-100	1.5	2.2	.6	.1								4.4	6.3	6.0
110-130	1.2	2.2	.5	.1	.1							4.0	6.6	6.0
140-160	1.3	2.6	1.4	.3	.0							5.7	7.5	7.0
(S) 170-190	2.1	2.2	1.8	.5	.1	.0						6.8	7.9	7.0
200-220	1.6	3.1	1.2	.3	.0							6.2	7.2	7.0
230-250	1.4	2.9	.9	.2	.0	.0						5.4	7.2	7.0
(W) 260-280	3.1	4.4	2.6	.8	.2	.1	.0					11.1	7.9	7.0
290-310	4.2	5.7	3.2	.7	.1	.0						13.9	7.4	7.0
320-340	3.8	7.0	4.9	1.0	.1							16.7	8.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	25.6	42.4	22.8	4.7	.6	.1						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.0	10.9	8.7	2.6							24.2	9.4	9.0
020-040	.9	1.7	.9			.2					3.6	7.6	7.0
050-070		.2									.2	9.0	9.0
(E) 080-100	.2	.2	.3	.7							1.4	11.3	14.0
110-130	.3	.2	.5	.2							1.2	8.3	10.0
140-160	.9	.7	.5								2.0	6.3	5.0
(S) 170-190	.7	.2	1.7	.5							3.1	10.8	12.0
200-220	1.0	1.2	.5	.9							3.6	8.6	8.0
230-250	.9	2.7	.5								4.1	6.4	7.0
(W) 260-280	1.7	3.6	1.5	.9							7.7	7.8	7.0
290-310	2.7	4.6	2.6	.5	.2						10.6	7.7	7.0
320-340	2.6	10.9	16.9	5.5	.5						36.3	10.5	10.0
VARIABLE													
CALM	////////////////////										2.0	////////	
TOTALS	13.9	37.1	34.6	11.8	.7	.2					100.0	9.1	9.0
TOTAL NUMBER OF OBSERVATIONS 586													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.4	2.1	1.2	.1							11.2	7.4	6.0
020-040	2.5	1.1	.7									4.2	4.8	4.0
050-070	.7	1.6	.8		.1	.1						3.4	8.3	7.0
(E) 080-100	2.7	3.2	1.2	.1								7.2	6.2	5.0
110-130	1.9	3.4	.2	.1								5.7	5.7	5.0
140-160	1.6	4.4	.6	.5								7.1	7.3	7.0
(S) 170-190	4.1	4.4	1.2	.1	.1							9.9	6.0	5.0
200-220	3.5	2.5	1.3	.1								7.4	6.0	5.0
230-250	1.6	3.4	1.1	.2								6.4	6.7	6.0
(W) 260-280	3.3	4.5	2.0	.6	.1							10.5	7.1	6.0
290-310	5.1	7.2	1.5	.5								14.3	5.8	5.0
320-340	4.7	4.5	1.5	.2								11.0	6.0	5.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	36.1	43.6	14.2	3.6	.4	.1						100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.5	2.1	.4	.4							10.2	7.1	6.0
020-040	1.1	.6	.1	.2								2.0	5.6	4.0
050-070	1.3	1.3	.9	.2	.1							3.9	7.3	5.0
(E) 080-100	3.2	3.3	1.8									8.2	6.2	5.0
110-130	1.6	1.4	.4									3.4	4.8	5.0
140-160	2.6	2.7	1.3	.2	.1							6.9	6.9	6.0
(S) 170-190	2.8	2.9	1.2	.1								7.1	6.1	5.0
200-220	2.9	3.1	.8	.2								7.1	6.0	5.0
230-250	2.1	4.0	1.1		.1							7.3	6.4	5.0
(W) 260-280	3.9	6.0	1.5	.6	.4							12.4	6.7	6.0
290-310	4.8	7.5	1.2	.6	.1							14.3	6.2	5.0
320-340	3.5	8.2	2.4	.4	.1							14.6	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	33.7	44.5	14.8	2.9	1.3							100.0	6.3	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.1	4.9	2.2	.4								11.7	6.6	6.0
020-040		.9	1.3		.6								2.8	7.3	5.5
050-070		1.4	.7	1.1	.1								3.3	7.0	5.5
(E) 080-100		1.8	3.2	.8	.2								6.0	6.5	6.0
110-130		1.4	2.5	.6									4.5	6.3	6.0
140-160		1.8	2.6	.7	.1	.1							5.3	6.6	6.0
(S) 170-190		2.8	3.3	2.1	.2								8.5	7.0	6.0
200-220		2.4	2.4	.8	.1								5.7	6.1	5.0
230-250		2.0	3.2	.4									5.5	5.4	5.0
(W) 260-280		4.5	3.3	1.6	.8	.7							11.0	7.5	5.0
290-310		5.4	6.4	2.2	.2								14.3	6.2	6.0
320-340		4.9	11.4	2.6	.2								19.2	6.4	6.0
VARIABLE															
CALM		////////////////////////////////////											2.4	////////	
TOTALS		33.4	45.2	15.1	2.9	.8							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	5.7	4.8	1.1								13.4	9.0	9.0
020-040	1.6	2.9	1.3	.4								6.2	7.2	7.0
050-070	.7	1.2	1.9	.1								3.9	8.6	10.0
(E) 080-100	.5	2.1	2.7	.4								5.7	9.7	10.0
110-130	.8	1.4	1.9									4.1	8.3	9.0
140-160	.9	2.6	2.9	1.3	.2							8.0	10.1	10.0
(S) 170-190	.6	1.5	2.5	1.5								6.1	10.8	11.0
200-220	.5	3.3	2.7	.6								7.1	9.3	9.0
230-250	2.2	3.4	1.4	.1	.1	.1						7.4	7.2	6.0
(W) 260-280	1.2	3.1	2.0	1.1	.6	.1						8.0	10.2	8.0
290-310	1.5	2.9	4.4	.5	.2							9.5	9.3	10.0
320-340	2.8	9.2	6.7	1.5								20.3	8.6	8.5
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	15.2	39.3	35.2	8.6	1.1	.2						100.0	9.0	9.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	5.4	9.8	1.8								17.3	10.4	10.0
020-040	1.1	6.9	2.6	.5								11.1	8.3	8.0
050-070	.6	3.7	1.5	.1								5.9	7.7	7.0
(E) 080-100	.2	2.0	1.6	.8								4.7	10.1	10.0
110-130	.4	1.9	3.2	.2								5.7	10.2	10.0
140-160	.2	2.1	5.3	2.1	.2							10.0	12.1	12.0
(S) 170-190	.2	1.1	3.3	.7								5.3	11.3	12.0
200-220	.1	2.6	3.8	.9	.1							7.5	10.6	10.5
230-250	1.3	4.2	2.0	.6	.1	.1						8.4	8.5	8.0
(W) 260-280	1.2	1.5	1.9	.9	.9	.1						6.6	11.1	10.5
290-310	.6	3.1	2.5	1.1	.5							7.7	10.8	10.0
320-340	.7	2.8	4.8	1.3	.1							9.8	10.7	11.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	7.0	37.3	42.3	11.0	1.9	.2						100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	10.5	3.5	.1								17.3	7.1	7.0
020-040	5.4	4.2	.9	.5								11.1	5.7	5.0
050-070	4.2	3.1	.8	.1								8.2	5.3	4.0
(E) 080-100	4.4	3.5	.8	.5								9.2	5.9	5.0
110-130	2.6	5.3	.2									8.1	5.7	6.0
140-160	1.4	7.4	3.8	.9								13.5	8.6	7.0
(S) 170-190	1.5	1.5	.4	.4								3.8	6.3	5.0
200-220	1.2	1.5	.8	.1								3.7	6.7	7.0
230-250	.6	1.6	1.8		.1							4.1	8.8	9.0
(W) 260-280	1.3	3.4	2.6	.8	.1							8.2	9.1	9.0
290-310	.4	2.1	1.4	.4								4.2	8.6	8.0
320-340	1.6	3.1	1.8	.7	.1							7.3	8.2	7.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	27.8	47.2	18.8	4.5	.3							100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	5.9	1.9	.1								12.1	6.2	5.0
020-040	2.7	2.4	1.1									6.1	5.9	5.0
050-070	2.1	1.5	1.1									4.7	6.0	5.0
(E) 080-100	2.4	3.1	1.2	.1								6.7	6.5	6.0
110-130	1.5	4.4	.4	.2								6.5	6.5	6.0
140-160	2.6	4.9	1.4	.4								9.3	6.6	6.0
(S) 170-190	2.6	3.5	.7	.5								7.3	6.3	5.0
200-220	2.9	2.9	.8	.4								7.1	5.9	5.0
230-250	1.8	3.2	1.3	.1	.4							6.7	7.4	6.0
(W) 260-280	2.0	5.9	1.9	.4								10.1	7.5	8.0
290-310	2.6	3.1	1.3	.1	.1							7.2	6.6	6.0
320-340	4.5	5.4	2.0	.1								12.0	6.0	5.5
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	31.9	46.2	15.1	2.4	.5							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	5.7	4.4	.8	.1							13.8	8.2	8.0
020-040	2.1	3.7	1.2	.4								7.4	7.0	7.0
050-070	1.5	2.4	1.2	.1	.0	.0						5.3	7.0	6.0
(E) 080-100	2.0	3.1	1.5	.3								6.8	7.1	6.0
110-130	1.4	3.1	1.3	.1								5.8	7.1	7.0
140-160	1.4	3.7	2.8	1.0	.1							8.9	9.0	8.0
(S) 170-190	1.9	2.4	1.5	.5	.0							6.3	7.6	7.0
200-220	1.8	2.5	1.7	.4	.0							6.4	7.6	7.0
230-250	1.5	3.2	1.3	.2	.1	.0						6.3	7.4	6.0
(W) 260-280	2.2	3.6	2.0	1.0	.4	.0						9.2	8.6	7.0
290-310	2.6	4.2	2.0	.5	.2							9.5	7.5	6.0
320-340	2.9	5.9	3.1	.7	.0							12.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	24.1	43.5	24.0	6.0	.9							100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	13.2	14.4	2.7								34.4	9.2	9.0
020-040	.7	1.8	.7	.5								3.6	7.8	7.5
050-070	1.1	.5	.2									1.8	4.8	3.0
(E) 080-100	.5	.2										.7	4.3	4.0
110-130		.5										.5	8.5	8.5
140-160	.2	.5										.7	7.0	9.0
(S) 170-190	.9	1.4	3.2	.2								5.7	9.1	10.0
200-220	2.1	1.4	.9	.2								4.6	6.4	6.5
230-250	1.6	3.4	2.1		.5	.2						7.7	8.4	7.0
(W) 260-280	3.4	2.3	1.6									7.3	5.4	5.0
290-310	3.0	2.1	.5	.7								6.2	6.3	5.0
320-340	3.2	11.8	6.2	2.5								23.7	8.6	8.0
VARIABLE														
CALM	////////////////////											3.2	////////	
TOTALS	20.8	39.1	29.8	6.8	.5	.2						100.0	7.9	8.0
TOTAL NUMBER OF OBSERVATIONS 439														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.5	1.2									6.5	6.3	5.0
020-040	2.3	2.5	.2									4.9	4.8	5.0
050-070	2.9	1.4	.5	.3								5.2	5.6	4.0
(E) 080-100	2.8	2.9	.1	.3								6.1	5.6	5.0
110-130	2.7	3.7	.6	.2								7.2	5.9	5.0
140-160	3.5	5.9	2.0	.8	.2							12.5	7.3	6.0
(S) 170-190	3.3	5.3	1.7	.5	.1							11.0	6.8	6.0
200-220	2.5	1.9	1.2			.1						5.7	6.1	5.0
230-250	2.3	4.3	1.3		.4							8.3	7.3	7.0
(W) 260-280	4.0	6.5	1.7		.1	.1						12.4	6.4	6.0
290-310	2.4	4.0	1.2	.4								8.0	6.9	6.5
320-340	4.9	3.3	2.3	.3								10.9	6.4	5.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	35.3	45.2	14.0	2.8	.8	.2						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.2	.9									7.7	5.5	5.0
020-040	1.4	1.6										3.0	5.0	5.0
050-070	2.4	1.9	.5	.1								4.9	5.6	5.0
(E) 080-100	2.3	2.7	.8	.1								5.8	6.4	5.0
110-130	2.2	2.7	.4									5.3	5.4	5.0
140-160	1.9	6.3	2.0	.1	.1							10.5	7.2	6.0
(S) 170-190	3.9	5.3	1.7	.6								11.5	6.6	6.0
200-220	2.3	2.8	1.4	.3								6.8	6.9	7.0
230-250	2.2	3.9	.5	.3	.2	.1						7.2	6.8	5.0
(W) 260-280	3.8	5.6	1.5	.2	.2							11.3	6.5	6.0
290-310	5.4	4.1	1.9	.1								11.5	5.9	5.0
320-340	5.4	5.3	1.7	.4								12.8	6.0	5.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	35.9	46.4	13.3	2.2	.5	.1						100.0	6.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	5.1	.6									9.0	5.8	6.0
020-040	1.5	1.8	.2									3.5	5.2	5.0
050-070	2.7	2.3	1.0	.3								6.2	6.7	5.5
(E) 080-100	2.3	1.7	1.1									5.1	6.1	5.0
110-130	1.9	3.0	.3									5.3	5.5	5.0
140-160	2.2	4.2	1.7	.4	.1							8.6	7.6	7.0
(S) 170-190	3.2	5.4	2.5	.6	.1							11.8	7.3	7.0
200-220	2.2	3.2	1.5	.9								7.7	7.8	6.5
230-250	1.1	3.7	.8	.2								5.7	6.7	6.0
(W) 260-280	3.8	4.6	1.6	.4	.1	.2						10.8	6.7	5.0
290-310	5.2	4.2	1.6	.2								11.2	5.9	5.0
320-340	4.4	5.6	2.9	.6								13.5	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	33.8	44.8	15.8	3.6	.3	.2						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	4.5	5.7	.3								10.8	9.6	10.0
020-040	1.2	3.0	1.5									5.7	7.2	7.0
050-070	1.1	1.6	3.8	.6								7.1	9.9	10.5
(E) 080-100	.2	2.7	2.5	.1								5.5	9.5	9.0
110-130	.5	2.8	3.0	.4								6.8	9.3	10.0
140-160	.2	2.6	4.4	1.6	.1	.2						9.1	11.7	12.0
(S) 170-190	.4	2.0	3.0	.5	.4	.1						6.6	10.8	10.0
200-220	1.0	4.9	3.1	1.7	.4							11.2	10.2	9.0
230-250	.5	4.5	2.2	.5	.4							8.2	9.2	8.0
(W) 260-280	1.1	2.2	1.3	1.1	.9	.1						6.6	11.0	10.0
290-310	1.0	2.4	3.4	2.2	.1							9.0	10.6	10.5
320-340	.8	5.7	5.5	1.5								13.4	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	8.2	38.9	39.4	10.5	2.3	.4						100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	5.7	3.4	.2								11.7	7.6	8.0
020-040	3.4	6.5	.5									10.4	5.7	5.0
050-070	4.1	3.5	1.4	.3								9.4	6.1	5.0
(E) 080-100	5.3	5.5	.8									11.5	5.3	5.0
110-130	2.5	6.8	2.7	.3								12.3	7.5	7.0
140-160	1.6	6.7	6.2	2.2	.2							16.9	9.8	10.0
(S) 170-190	.4	3.0	1.3	.3								5.1	8.4	8.0
200-220	.1	1.2	.9	.1	.3							2.6	10.7	9.5
230-250	.5	3.1	.9	.5	.1							5.2	9.0	8.0
(W) 260-280	.1	2.4	3.8	1.8	.8	.2						9.0	12.4	12.0
290-310	.3	.4	.8	.4	.1	.1						2.2	11.6	11.0
320-340	.4	.6	2.2	.4								3.7	10.2	11.0
VARIABLE														
CALM	////////////////////////////////////										.2	////////////////////////////////		
TOTALS	21.1	45.4	24.9	6.5	1.5	.3						100.0	8.1	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	4.4	2.0									10.3	6.2	5.5
020-040	3.2	4.0	.4	.1								7.7	5.3	5.0
050-070	3.7	2.2	.8	.4								7.0	6.1	4.0
(E) 080-100	4.0	3.0	.6									7.6	5.0	4.0
110-130	2.7	5.7	.9	.4								9.7	6.5	6.0
140-160	4.0	7.4	3.3	1.3								16.0	7.6	7.0
(S) 170-190	2.6	4.4	1.1	1.2		.1						9.4	7.6	6.0
200-220	1.3	2.4	.9		.2							4.7	7.1	6.0
230-250	1.7	3.1	1.0		.1							5.9	6.7	7.0
(W) 260-280	1.6	5.8	2.7	.4	.3							10.9	8.4	8.0
290-310	.9	2.7	.9	.3	.2							4.9	8.5	8.0
320-340	1.1	1.9	.6	.4	.1							4.2	7.9	6.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	30.7	47.0	15.2	4.5	.9	.1						100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN % WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.9	4.6	3.5	.3								10.2	8.0
020-040	1.8	3.9	1.4	.0								7.1	6.8
050-070	2.2	3.1	2.1	.4								7.8	7.7
(E) 080-100	2.2	3.6	1.4	.1								7.4	6.8
110-130	1.6	3.8	2.3	.4								8.0	7.9
140-160	1.8	4.7	4.3	1.7	.2	.0						12.7	9.6
(S) 170-190	1.8	3.5	1.8	.6	.1	.0						7.8	8.0
200-220	1.2	2.6	1.7	.6	.1	.0						6.3	8.8
230-250	1.1	3.5	1.5	.5	.3	.1						7.0	8.7
(W) 260-280	1.9	3.8	2.3	1.0	.6	.1	.0					9.6	9.4
290-310	1.9	2.5	1.5	.7	.2	.1						6.9	8.4
320-340	2.2	3.0	2.3	.8	.0							8.3	8.1
VARIABLE													
CALM	////////////////////////////////////										.8	////////////////////////////////	
TOTALS	21.6	42.6	26.1	7.1	1.5	.3						100.0	8.2
TOTAL NUMBER OF OBSERVATIONS 7440													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.7	8.7	6.8								18.2	7.9	8.0
020-040	1.5	5.3	1.9	.4							9.1	7.1	6.5
050-070	.8	.4	.8	.4							2.3	8.8	10.0
(E) 080-100	.8	1.1	1.5	.4							3.8	9.2	9.5
110-130	.4	.8									1.1	6.3	7.0
140-160	.8	1.5	.4		.4						3.0	8.6	7.5
(S) 170-190	1.5	4.2	1.9								7.6	7.3	8.0
200-220	.4	4.5	1.5	1.1							7.6	9.3	8.5
230-250	.8	3.4	.8								4.9	7.3	7.0
(W) 260-280	2.7	5.7	1.9	.4	.8	1.1					12.5	9.5	7.0
290-310	3.8	2.3	2.7	1.1		.4					10.2	8.7	8.0
320-340	4.2	6.8	5.3	1.5							17.8	8.0	8.0
VARIABLE													
CALM	////////////////////										1.9	////////	
TOTALS	20.4	44.7	25.5	5.3	1.2	1.5					100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 264													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.0	.3									5.0	5.0	4.0
020-040	2.2	1.7										3.9	4.5	4.0
050-070	2.2	.6	.3									3.1	4.4	4.0
(E) 080-100	3.2	3.0	1.1									7.3	5.3	5.0
110-130	3.2	4.9	.8	.4								9.3	6.4	6.0
140-160	3.1	6.8	1.3									11.2	6.2	6.0
(S) 170-190	3.6	5.3	1.2	.1								10.2	6.2	6.0
200-220	2.7	5.0	.6									8.2	5.6	5.0
230-250	3.4	6.9	1.0									11.3	5.9	6.0
(W) 260-280	4.8	8.4	1.3									14.6	5.7	6.0
290-310	3.4	4.0	.8	.2								8.4	5.7	5.0
320-340	2.7	1.9	.1		.1							4.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	37.2	50.5	8.8	.7	.1							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.0	.3									6.7	4.9	4.5
020-040	1.6	1.6										3.1	4.5	4.5
050-070	3.0	.4	.4									3.9	4.0	3.0
(E) 080-100	2.4	3.6	.4									6.4	5.2	5.0
110-130	3.3	3.9	.9	.2								8.3	5.7	5.0
140-160	3.3	3.0	1.0									7.3	5.7	5.0
(S) 170-190	3.0	5.2	1.0	.4								9.7	6.4	5.0
200-220	3.2	4.9	.8									8.9	5.5	5.0
230-250	4.4	5.6	.3	.2								10.6	5.3	5.0
(W) 260-280	6.4	7.2	.9									14.6	5.1	5.0
290-310	5.7	4.8	.8									11.4	5.3	4.0
320-340	2.8	3.7	.3									6.8	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	42.4	46.9	7.1	.8								100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.2	.4	.1								6.0	5.0	4.0
020-040	2.0	1.1	.1									3.2	4.4	4.0
050-070	1.0	1.7	.9	.1								3.7	7.2	7.0
(E) 080-100	3.0	2.9	1.1									7.0	5.7	5.0
110-130	2.4	3.9	.8	.1								7.2	5.8	5.0
140-160	3.1	3.3	1.0	.3	.1							7.9	6.1	5.0
(S) 170-190	4.0	3.3	1.4	.6	.1							9.4	6.5	5.0
200-220	2.6	4.6	1.3									8.4	6.2	6.0
230-250	3.7	5.0	1.2	.2								10.1	6.2	6.0
(W) 260-280	4.3	5.7	.3									10.3	5.1	5.0
290-310	4.6	6.7	2.2									13.4	6.2	6.0
320-340	3.4	6.0	1.6									11.0	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////	
TOTALS	37.3	46.4	12.3	1.4	.2							100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.6	1.8									8.8	6.8	6.0
020-040	3.0	6.1	1.1	.1								10.3	6.1	5.0
050-070	2.4	3.2	1.7	.2								7.6	6.9	6.0
(E) 080-100	3.8	7.6	1.7									13.0	6.1	5.0
110-130	3.2	12.3	3.9	.1								19.6	7.2	7.0
140-160	1.9	7.4	4.7	1.3								15.3	8.7	8.0
(S) 170-190	1.2	1.7	.7									3.6	6.5	6.0
200-220	.6	1.1	.8	.3								2.8	8.4	8.0
230-250	.9	3.4	2.6	.4	.1							7.4	9.3	9.0
(W) 260-280	.2	4.7	2.8	.9								8.6	9.7	9.0
290-310		.8	.3	.2								1.3	9.9	9.0
320-340	.3	.3	.8	.1								1.6	9.3	10.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	19.9	53.2	22.9	3.6	.1							100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.6	.2									5.8	4.8	4.0
020-040	4.4	2.7	.2									7.3	4.5	4.0
050-070	2.9	1.8	1.3									6.0	5.9	5.0
(E) 080-100	2.9	5.8	.8									9.4	5.8	5.0
110-130	2.2	8.1	1.6	.1								12.0	6.5	6.0
140-160	2.8	6.6	3.2	.8								13.3	7.5	7.0
(S) 170-190	5.6	3.8	.7	.2								10.2	5.1	4.0
200-220	1.6	3.2	.6	.1								5.4	6.5	6.0
230-250	2.2	6.0	.9	.3								9.4	6.6	6.0
(W) 260-280	1.9	7.1	2.8	.1	.1							12.0	7.3	7.0
290-310	1.7	1.4	.7		.1							3.9	6.2	6.0
320-340	1.6	1.3	.2									3.1	5.5	4.5
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	32.8	50.4	13.2	1.6	.2							100.0	6.1	5.5
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.9	3.1	2.3	.2								7.6	7.6	8.0
020-040	1.8	3.4	1.6	.1								6.9	7.1	7.0
050-070	1.6	3.0	1.4	.3								6.4	7.5	7.0
(E) 080-100	2.0	4.7	2.1	.2								9.0	7.1	7.0
110-130	1.9	6.1	3.2	.3								11.5	7.8	8.0
140-160	1.9	4.7	3.9	1.0	.1	.0						11.5	8.8	9.0
(S) 170-190	2.3	3.0	1.2	.5	.0							7.0	7.1	6.0
200-220	1.6	3.6	1.6	.3	.0							7.2	7.4	7.0
230-250	2.1	4.6	2.2	.4	.1							9.4	7.5	7.0
(W) 260-280	2.4	5.1	2.3	.7	.1							10.6	7.6	7.0
290-310	2.1	3.1	1.2	.2	.0							6.6	6.8	6.0
320-340	1.4	2.4	1.0	.2	.0							5.1	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	23.0	46.8	24.0	4.4	.3							100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	5.6	1.9	.6								11.9	6.9	7.0
020-040	.6		.6									1.3	8.5	8.5
050-070		.6	.6									1.3	8.5	8.5
(E) 080-100	.6	1.9	1.3									3.8	6.7	6.0
110-130	1.3	1.3	.6									3.1	5.4	6.0
140-160	1.9	1.3	1.3	.6								5.0	7.5	6.0
(S) 170-190	1.9	1.3	2.5	1.3								6.9	9.3	10.0
200-220	3.1	6.9	5.0									15.0	7.5	6.5
230-250	1.3	8.1	1.3									10.6	6.5	6.0
(W) 260-280	5.6	7.5	1.3									14.4	5.4	5.0
290-310	1.9	8.1	1.3									11.3	7.2	7.5
320-340	3.8	5.0	2.5	1.9								13.1	8.0	7.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	25.8	47.6	20.2	4.4								100.0	6.9	6.5

TOTAL NUMBER OF OBSERVATIONS 160

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.6	.5									4.5	6.0	5.5
020-040	2.8	1.7	.4									4.9	5.2	4.0
050-070	2.9	3.4	.9									7.2	5.8	5.0
(E) 080-100	5.2	4.9	.9									11.0	5.1	5.0
110-130	6.8	6.6	.6									14.0	4.8	5.0
140-160	6.7	6.2	.9									13.8	5.0	5.0
(S) 170-190	5.4	5.4	1.1									11.8	5.2	5.0
200-220	2.5	4.2	.8									7.4	5.6	5.0
230-250	2.0	2.5	.4									4.9	5.3	5.0
(W) 260-280	2.9	5.4	.4									8.7	5.3	5.0
290-310	3.1	2.0	.1									5.3	4.6	4.0
320-340	1.7	.5		.1								2.4	4.3	3.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	43.4	45.4	7.0	.1								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.7	.3									4.4	4.9	4.0
020-040	3.3	3.0	.1									6.5	4.7	4.0
050-070	3.2	2.4	.6									6.2	5.0	4.0
(E) 080-100	5.3	5.2	.4									10.9	4.9	5.0
110-130	6.8	2.7	.4									9.9	4.1	3.0
140-160	5.5	3.2	.3									9.0	4.6	4.0
(S) 170-190	6.7	6.2	.3									13.2	4.8	4.0
200-220	3.0	4.3	.6	.1								8.1	5.5	5.0
230-250	3.1	2.6										5.7	4.7	4.0
(W) 260-280	4.0	3.3	.1									7.4	4.2	4.0
290-310	4.8	2.9										7.7	4.2	4.0
320-340	4.1	1.1										5.2	3.6	3.5
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	52.2	38.6	3.1	.1								100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.8	.9	.1								5.7	5.5	4.0
020-040	2.8	2.8	.6									6.2	5.1	5.0
050-070	3.1	3.8	.8									7.6	6.0	6.0
(E) 080-100	3.3	5.4	.9	.1								9.7	5.8	5.0
110-130	5.7	4.3	.6	.1								10.8	4.9	4.0
140-160	4.8	2.9	.9									8.6	5.2	4.0
(S) 170-190	4.8	4.4	1.5									10.8	5.6	5.0
200-220	2.4	3.3	1.4	.1								7.2	6.2	6.0
230-250	2.8	4.0	.8									7.5	5.8	5.0
(W) 260-280	3.3	3.8	.8									7.8	5.2	5.0
290-310	4.5	2.5	.3									7.3	4.5	4.0
320-340	4.2	2.0	.2	.1								6.6	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	44.6	41.0	9.7	.5								100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	≥ 65			
(N) 350-010	.3	2.9	2.9									6.1	9.2	9.0
020-040	3.2	4.5	1.9	.2								9.9	7.0	7.0
050-070	2.4	7.2	1.3									10.9	6.6	6.0
(E) 080-100	4.4	11.9	1.5									17.8	6.2	6.0
110-130	2.8	15.7	5.2	.1								23.8	7.4	7.0
140-160	1.8	11.1	5.1	.4								18.4	8.1	8.0
(S) 170-190	.6	2.3	1.1									4.0	7.7	8.0
200-220	.6	1.0	.8									2.4	7.0	7.0
230-250	.2	.9	.4									1.5	7.7	7.5
(W) 260-280	.3	1.7	.8	.2								3.0	8.4	6.5
290-310	.1	.5	.8	.1								1.5	9.4	10.0
320-340	.1	.3	.1									.5	7.2	9.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	16.8	60.0	21.9	1.0								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 931

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.8	.8									5.3	6.2	6.0
020-040	2.7	3.3	.8									6.8	5.7	5.0
050-070	4.3	2.6	.9	.2								8.0	5.3	4.0
(E) 080-100	6.0	7.8	.8									14.6	5.1	5.0
110-130	7.7	11.3	.9									19.9	5.5	5.0
140-160	5.6	9.8	1.3	.1								16.8	5.9	5.0
(S) 170-190	3.5	5.1	.8	.1								9.5	5.7	5.0
200-220	1.9	3.3	.3	.1								5.7	6.0	6.0
230-250	1.5	1.5	.3									3.3	5.4	5.0
(W) 260-280	1.4	2.9	.5	.1								4.9	6.1	5.0
290-310	1.2	.8	.4									2.4	5.9	4.5
320-340	1.0	.1	.3									1.4	5.5	4.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	38.5	51.3	8.1	.6								100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.2	2.1	.3								5.8	8.4	8.0
020-040	2.0	3.5	1.9	.3								7.6	7.4	7.0
050-070	2.1	5.3	2.9	.1								10.4	7.5	8.0
(E) 080-100	3.3	7.2	2.9	.1								13.4	6.9	7.0
110-130	4.0	8.5	3.9	.1								16.5	7.0	7.0
140-160	3.4	6.0	3.3	.4	.0							13.0	7.4	7.0
(S) 170-190	3.0	3.7	1.1	.1								7.9	6.0	5.0
200-220	1.6	3.4	1.4	.3								6.7	7.1	7.0
230-250	1.4	2.5	.5	.1	.0							4.5	6.3	6.0
(W) 260-280	1.6	2.8	.8	.1	.0							5.4	6.4	6.0
290-310	1.9	1.6	.5	.1								4.0	5.6	5.0
320-340	1.5	1.0	.2	.0								2.8	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	27.0	47.7	21.5	2.0								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 77945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			12.6									12.6	12.1	12.0
020-040			3.4									3.4	13.3	13.0
050-070		1.1										1.1	7.0	7.0
(E) 080-100	1.1	1.1	2.3									4.6	7.3	7.5
110-130	1.1	1.1	4.6									6.9	9.5	10.5
140-160	1.1	1.1			1.1							3.4	10.0	7.0
(S) 170-190		1.1	3.4	1.1								5.7	10.6	10.0
200-220		1.1	2.3									3.4	9.3	10.0
230-250	3.4	13.8	4.6									21.8	7.7	8.0
(W) 260-280	4.6	6.9	1.1									12.6	5.5	6.0
290-310	3.4	9.2										12.6	6.1	7.0
320-340	1.1	3.4	4.6									9.2	8.5	9.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	15.8	39.9	38.9	1.1	1.1							100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 87														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.8	.2									2.7	4.2	4.0
020-040	3.2	1.7	.3									5.2	4.8	4.0
050-070	3.3	2.0	.1									5.4	4.6	4.0
(E) 080-100	4.9	5.1	.1									10.1	4.7	5.0
110-130	5.1	3.3	.2	.1								8.8	4.6	4.0
140-160	8.2	3.9	.1									12.2	4.0	4.0
(S) 170-190	7.8	5.9										13.7	4.3	4.0
200-220	4.9	9.0	.4									14.3	5.4	5.0
230-250	5.2	4.9	.4									10.6	5.0	5.0
(W) 260-280	3.9	2.4										6.3	4.2	4.0
290-310	2.4	.9										3.3	3.8	3.0
320-340	1.2	.2										1.4	2.8	3.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	51.8	40.1	1.8	.1								100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.0										3.6	3.5	4.0
020-040	2.6	.9	.6									4.0	4.3	4.0
050-070	2.9	2.2	.2									5.3	4.8	4.0
(E) 080-100	5.6	2.9	.2									8.7	4.1	4.0
110-130	3.4	1.4										4.9	3.6	3.0
140-160	5.2	1.4	.2									6.9	3.5	3.0
(S) 170-190	9.1	6.4	.1	.1								15.8	4.1	4.0
200-220	4.7	7.4	.4									12.6	5.3	5.0
230-250	6.3	6.6	.2									13.1	4.6	5.0
(W) 260-280	6.0	3.2										9.2	3.8	4.0
290-310	5.0	.3										5.3	2.8	3.0
320-340	3.1	.1										3.2	2.9	3.0
VARIABLE														
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	56.5	33.8	1.9	.1								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	.7										4.1	3.5	3.0
020-040	2.9	1.8	.4	.1								5.2	4.7	4.0
050-070	3.7	3.3	.2									7.2	4.7	4.0
(E) 080-100	4.0	3.3	.8									8.1	5.2	5.0
110-130	2.9	1.7	.1									4.7	3.9	4.0
140-160	3.1	2.1	.2		.1	.1						5.7	5.2	4.0
(S) 170-190	5.0	4.3	.7			.1						10.1	4.9	5.0
200-220	4.2	8.8	.7									13.7	5.8	6.0
230-250	5.3	8.3	.8									14.4	5.6	5.0
(W) 260-280	4.2	4.6	.1									8.9	4.8	5.0
290-310	6.2	2.1										8.3	3.7	4.0
320-340	3.1	.8										3.9	3.3	3.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	48.0	41.8	4.0	.1	.1	.2						100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.6	1.0									4.1	6.5	6.0
020-040	1.6	4.0	2.1									7.7	7.3	7.0
050-070	.8	5.7	3.0									9.4	7.9	8.0
(E) 080-100	1.8	7.1	2.1									11.0	7.3	8.0
110-130	1.7	3.8	1.9									7.3	7.0	7.0
140-160	1.0	2.9	.9	.2								5.0	7.2	7.0
(S) 170-190	1.3	3.4	.8		.1		.2					5.9	7.6	6.0
200-220	4.0	7.6	2.6									14.1	6.6	7.0
230-250	2.8	10.4	1.6	.4								15.2	6.9	7.0
(W) 260-280	1.6	5.3	2.0	.1								9.0	7.1	7.0
290-310	2.4	4.2	.3									7.0	5.8	5.0
320-340	1.7	1.4	.1									3.2	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	22.3	57.4	18.4	.7	.1		.2					100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.7	1.4	1.4									3.6	8.0	8.5
020-040	.7	6.3	3.7	.4								11.1	8.7	9.0
050-070	.6	12.8	4.4	.4								18.2	8.2	8.0
(E) 080-100	.6	13.3	4.7									18.6	8.3	8.0
110-130	.6	6.7	3.3	.3								10.9	8.4	8.5
140-160	1.7	3.8	2.3	.3								8.1	8.1	8.0
(S) 170-190	.8	2.1	.8									3.7	7.1	7.0
200-220	.8	4.6	1.1	.2								6.7	7.5	7.0
230-250	1.1	5.7	1.7	.3	.1							8.9	8.0	8.0
(W) 260-280	.6	3.2	1.4	.1								5.3	8.2	8.0
290-310	.8	1.4	.4	.2								2.9	6.7	6.0
320-340	.6	1.0	.2	.1								1.9	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	9.6	62.3	25.4	2.3	.1							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.3	1.6	1.3	.1							3.3	8.8	9.0
020-040	.2	3.3	3.6	.7	.1						7.9	9.9	10.0
050-070	.9	8.9	5.4	.3							15.6	8.5	9.0
(E) 080-100	1.8	15.0	6.6								23.3	8.1	8.0
110-130	1.2	13.6	6.1	.7							21.6	8.5	8.0
140-160	.7	4.7	5.3	1.1							11.8	9.8	10.0
(S) 170-190	.2	2.4	1.1	.3							4.1	8.5	8.0
200-220	.8	1.1	.9		.1						2.9	7.9	7.0
230-250	.6	2.1	1.0	.1							3.8	8.0	8.0
(W) 260-280	.3	1.7	.4	.1							2.6	7.7	8.0
290-310	.3	.7	.4		.1						1.6	8.4	7.0
320-340	.3	.9	.1								1.3	7.2	7.5
VARIABLE													
CALM	////////////////////////////////////										.3	////////////////////////////////	
TOTALS	7.6	56.0	32.2	3.4	.3						100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLELANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	1.1	.4									3.2	5.6	4.0
020-040	2.4	2.9	1.3	.4								7.1	7.1	6.5
050-070	2.9	6.2	1.4									10.6	6.3	7.0
(E) 080-100	4.7	8.6	.9									14.1	5.9	6.0
110-130	5.2	14.1	1.7	.1								21.1	6.2	6.0
140-160	2.3	10.6	4.7	.4								18.0	7.7	7.0
(S) 170-190	3.6	5.0	1.9		.1							10.6	6.5	6.0
200-220	1.8	2.7	1.4		.2							6.1	7.2	6.0
230-250	.9	1.7	.3									2.9	6.1	6.0
(W) 260-280	.7	1.6	.3									2.6	6.3	7.0
290-310	.8	.7	.1									1.6	4.6	4.5
320-340	.6	.4	.1									1.1	5.0	4.5
VARIABLE														
CALM	////////////////////////////////////										1.1	////////////////////////////////		
TOTALS	27.6	55.6	14.5	.9	.3							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.6	.1	.1								2.8	4.5	3.0
020-040	2.3	1.0	1.0	.1								4.4	5.8	4.0
050-070	2.8	4.1	.2	.1								7.2	5.2	5.0
(E) 080-100	5.1	4.6	.4									10.1	4.7	4.0
110-130	8.6	5.4	.2									14.2	4.4	4.0
140-160	8.6	8.2	1.0									17.8	4.9	5.0
(S) 170-190	9.6	7.9										17.4	4.5	4.0
200-220	4.0	4.6	.7		.1							9.3	5.7	5.0
230-250	2.3	2.9	.4	.1								5.8	5.7	5.0
(W) 260-280	2.4	2.6	.1									5.1	4.6	5.0
290-310	1.2	.1	.1									1.4	3.3	3.0
320-340	1.0	.7										1.7	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	49.9	42.7	4.2	.4	.1							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.1	.6	.0								3.4	5.6	4.0
020-040	2.0	2.7	1.6	.2	.0							6.6	7.1	7.0
050-070	2.2	5.7	1.9	.1								9.9	6.9	7.0
(E) 080-100	3.5	7.5	2.0									13.0	6.5	7.0
110-130	3.6	6.3	1.7	.2								11.7	6.4	6.0
140-160	3.8	4.7	1.8	.3	.0	.0						10.7	6.4	6.0
(S) 170-190	4.7	4.7	.7	.1	.0	.0	.0					10.2	5.2	5.0
200-220	3.1	5.7	1.0	.0	.1							10.0	6.1	6.0
230-250	3.1	5.3	.8	.1	.0							9.3	6.0	6.0
(W) 260-280	2.5	3.1	.6	.0								6.1	5.5	5.0
290-310	2.4	1.3	.2	.0	.0							3.9	4.5	4.0
320-340	1.4	.7	.1	.0								2.2	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	34.0	48.8	13.0	1.0	.1							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: ALL

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2											2.2	2.5	2.5
020-040	3.4	2.2	1.1	2.2								9.0	7.6	5.0
050-070		2.2										2.2	7.5	7.5
(E) 080-100	2.2	6.7	1.1									10.1	6.8	7.0
110-130	1.1											1.1	3.0	3.0
140-160	2.2	1.1			1.1	1.1						5.6	11.8	7.0
(S) 170-190	2.2	3.4	1.1									6.7	5.8	5.0
200-220	5.6	5.6	1.1									12.4	5.9	6.0
230-250	3.4	12.4	1.1		1.1							18.0	7.4	6.5
(W) 260-280	7.9	5.6	3.4									16.9	5.9	5.0
290-310	6.7	2.2										9.0	4.1	4.0
320-340	3.4	1.1										4.5	3.0	2.5
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	40.3	42.5	8.9	2.2	2.2	1.1						100.0	6.2	5.0
TOTAL NUMBER OF OBSERVATIONS 89														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.2										1.9	2.9	3.0
020-040	1.6	.2										1.8	2.9	3.0
050-070	4.0	.8	.4	.2								5.4	4.5	3.0
(E) 080-100	3.4	1.5	.3									5.3	4.3	3.0
110-130	5.2	2.7	.3									8.2	4.3	4.0
140-160	9.5	4.2										13.7	3.9	4.0
(S) 170-190	14.2	8.2	.1									22.5	4.1	4.0
200-220	7.0	7.6	.1									14.7	4.8	5.0
230-250	4.7	6.3	.5									11.6	5.0	5.0
(W) 260-280	3.5	2.6										6.1	4.4	4.0
290-310	2.4	.1										2.5	2.8	3.0
320-340	2.3	.2										2.5	2.6	3.0
VARIABLE														
CALM	////////////////////											3.9	////////	
TOTALS	59.5	34.6	1.7	.2								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	.1										3.3	2.4	2.0
020-040	2.8	.5	.1									3.4	3.2	2.0
050-070	3.4	.9	.3									4.6	4.1	3.0
(E) 080-100	3.9	1.1	.2									5.2	3.9	3.0
110-130	5.2	1.2	.1									6.5	3.6	3.0
140-160	7.7	2.3	.2									10.2	3.4	3.0
(S) 170-190	10.6	4.5	.3									15.5	3.9	4.0
200-220	8.5	6.9										15.4	4.2	4.0
230-250	6.1	8.3	.3									14.7	5.0	5.0
(W) 260-280	5.5	2.0	.2									7.7	4.0	4.0
290-310	4.7	.2										4.9	2.7	2.5
320-340	3.1	.2										3.3	2.6	2.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	64.7	28.2	1.7									100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.1										3.0	2.6	3.0
020-040	3.8	1.1	.1									4.9	3.5	3.0
050-070	4.5	1.4	.6									6.6	4.2	3.0
(E) 080-100	3.3	2.0	.8									6.1	4.9	4.0
110-130	3.2	1.9	.2									5.4	4.5	4.0
140-160	4.8	2.4	.3									7.5	4.3	4.0
(S) 170-190	8.6	4.5	.2		.1							13.4	4.2	4.0
200-220	5.5	8.7	.3									14.5	5.3	5.0
230-250	6.6	5.8	.6	.1								13.1	5.0	4.5
(W) 260-280	7.2	3.0	.3									10.5	4.2	4.0
290-310	4.6	1.2										5.8	3.6	3.0
320-340	4.1	.6	.2									4.9	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////	
TOTALS	59.1	32.7	3.6	.1	.1							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.2										3.0	5.4	5.0
020-040	1.5	2.8	.3									4.6	5.6	5.0
050-070	1.1	3.7	1.4	.1								6.2	7.8	8.0
(E) 080-100	1.5	5.1	1.7	.1								8.4	7.0	7.0
110-130	1.3	5.1	1.7									8.1	7.2	7.0
140-160	1.3	6.1	1.5									8.9	7.2	7.0
(S) 170-190	2.8	5.8	1.5									10.1	6.5	6.0
200-220	3.3	11.5	1.9									16.8	6.6	7.0
230-250	4.3	8.6	1.9									14.8	6.4	6.0
(W) 260-280	3.2	5.5	1.5	.1								10.3	6.4	6.0
290-310	1.8	2.3	.3									4.4	5.4	5.0
320-340	2.3	1.7	.1									4.1	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	25.3	60.4	13.8	.3								100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.8	.3									1.5	6.4	6.0
020-040	.3	4.5	1.6	.2								6.7	8.0	8.0
050-070	.9	11.1	3.2									15.2	7.7	8.0
(E) 080-100	1.2	14.0	4.6	.3								20.1	8.0	8.0
110-130	.8	8.5	4.3	.2								13.8	8.4	8.0
140-160	1.1	6.7	3.7	.1								11.5	8.2	8.0
(S) 170-190	1.4	4.5	1.8									7.7	7.1	7.0
200-220	1.2	5.4	2.5	.1								9.1	7.7	8.0
230-250	1.0	3.9	1.6	.1								6.6	7.9	7.0
(W) 260-280	.5	2.9	.9									4.3	7.1	7.0
290-310	.5	.8	.5									1.8	6.8	7.0
320-340	.4	1.0	.2									1.6	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	9.7	64.1	25.2	1.0								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.2		.3								.5	12.6	15.0
020-040	.2	2.3	.6	.2								3.3	8.7	8.0
050-070	.6	6.6	2.3	.2								9.7	8.2	8.0
(E) 080-100	2.0	15.7	4.7	.1								22.6	8.0	8.0
110-130	1.4	17.4	8.7	.3								27.8	8.5	8.0
140-160	1.8	6.2	6.6	.4								15.1	9.0	9.0
(S) 170-190	.8	2.9	1.2	.1								4.9	7.6	7.0
200-220	.4	2.0	.8	.1								3.3	7.7	7.0
230-250	.8	3.0	1.3									5.1	7.7	7.0
(W) 260-280	.4	1.5	.6	.4	.1							3.1	9.0	7.0
290-310	.3	.8	.9	.3	.1							2.4	9.7	10.0
320-340	.5	.8	.6		.1							2.0	7.7	8.0
VARIABLE														
CALM	////////////////////											.1	////////	
TOTALS	9.2	59.4	28.3	2.4	.3							100.0	8.4	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.4	.3									1.7	5.4	4.0
020-040	1.4	1.4	.2									3.0	5.0	5.0
050-070	3.3	2.5	.6	.1								6.6	5.7	4.0
(E) 080-100	4.5	5.8	1.4									11.7	5.8	5.0
110-130	6.0	13.8	1.9									21.7	6.1	6.0
140-160	5.2	15.4	2.6	.1								23.2	6.5	6.0
(S) 170-190	5.1	6.0	1.5	.1								12.7	6.0	6.0
200-220	2.5	2.8	.6									5.9	5.5	5.0
230-250	1.7	1.8	1.1									4.6	6.3	5.0
(W) 260-280	1.7	2.0	.9	.4								5.1	7.2	6.0
290-310	.8	.6	.1									1.5	5.2	4.5
320-340	.5	.8										1.3	5.0	5.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	33.7	53.3	11.2	.7								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.1										1.3	2.5	2.0
020-040	2.2	1.1										3.2	3.8	3.0
050-070	4.8	1.6	.4	.2								7.1	4.7	4.0
(E) 080-100	4.5	2.4	.5									7.4	4.6	4.0
110-130	7.0	6.9	.1									14.0	4.7	4.5
140-160	9.1	7.3	.2									16.7	4.4	4.0
(S) 170-190	11.6	9.6	.3									21.5	4.3	4.0
200-220	3.9	7.3	.2									11.4	5.3	5.0
230-250	2.3	2.7	.2									5.2	5.2	5.0
(W) 260-280	2.0	2.9	.1									5.1	5.1	5.0
290-310	1.1	.3	.1									1.5	4.1	4.0
320-340	1.7	.4	.1		.1							2.4	4.4	3.0
VARIABLE														
CALM	////////////////////											3.3	////////	
TOTALS	51.4	42.6	2.2	.2	.1							100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.4	.5	.1	.0							2.0	4.1	3.0
020-040	1.7	1.7	.4	.1							3.9	5.4	5.0
050-070	2.8	3.5	1.2	.1							7.7	6.3	6.0
(E) 080-100	3.1	5.9	1.8	.1							10.8	6.6	7.0
110-130	3.8	7.2	2.2	.1							13.2	6.6	6.0
140-160	5.1	6.3	1.9	.1							13.3	6.0	5.0
(S) 170-190	6.9	5.8	.9	.0	.0						13.5	5.0	4.0
200-220	4.0	6.5	.8	.0							11.4	5.6	5.0
230-250	3.4	5.1	1.0	.0							9.5	5.8	5.0
(W) 260-280	3.0	2.8	.6	.1	.0						6.5	5.5	5.0
290-310	2.0	.8	.2	.0	.0						3.1	4.6	3.0
320-340	1.9	.7	.2		.0						2.8	4.2	3.0
VARIABLE													
CALM	////////////////////										2.2	////////	
TOTALS	39.1	46.8	11.3	.6							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: ALL

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

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

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.0	3.9	2.0									7.8	6.0	6.0
020-040		2.0	5.9										7.8	6.5	7.0
050-070		2.0	9.8	5.9	2.0								19.6	8.5	8.5
(E) 080-100			2.0										2.0	8.0	8.0
110-130		3.9	2.0										5.9	4.3	3.0
140-160			2.0	2.0									3.9	10.5	10.5
(S) 170-190		2.0	2.0	3.9	2.0								9.8	9.0	10.0
200-220		3.9	7.8	2.0	2.0								15.7	7.8	8.0
230-250		7.8	5.9	2.0									15.7	6.1	6.0
(W) 260-280		2.0	2.0										3.9	4.5	4.5
290-310			2.0	3.9									5.9	9.3	10.0
320-340															
VARIABLE															
CALM		////////////////////////////////////										2.0	////////////////////////////////		
TOTALS		25.6	45.3	21.7	6.0								100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 51

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.2										2.3	2.8	3.0
020-040	2.7	.3	.3									3.3	4.0	3.0
050-070	4.2	.9	.4									5.5	3.7	3.0
(E) 080-100	7.2	1.4	.1									8.7	3.2	3.0
110-130	6.5	1.9	.2									8.6	3.8	3.0
140-160	8.0	2.3	.1									10.3	3.5	3.0
(S) 170-190	9.1	5.7	.2									15.1	4.2	4.0
200-220	6.9	6.7	.3	.2								14.1	4.9	5.0
230-250	4.5	1.5										6.0	3.3	3.0
(W) 260-280	3.3	1.4										4.7	3.5	3.0
290-310	3.7	.5										4.2	2.8	3.0
320-340	2.4											2.4	2.4	2.5
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	60.5	22.8	1.6	.2								100.0	3.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.2										3.1	2.6	2.0
020-040	3.2	.6	.3									4.2	3.8	3.0
050-070	4.1	1.2	.3									5.6	3.8	3.0
(E) 080-100	5.4	1.3										6.7	3.5	3.0
110-130	6.1	1.4	.2									7.7	3.5	3.0
140-160	4.2	.9										5.1	3.1	3.0
(S) 170-190	7.7	3.4	.2									11.4	3.7	3.5
200-220	9.5	5.9	.5									15.9	4.4	4.0
230-250	5.8	2.5	.3									8.6	4.0	4.0
(W) 260-280	4.8	1.7										6.6	3.5	3.0
290-310	5.2	.6										5.8	2.6	2.0
320-340	3.3	.1										3.4	2.6	3.0
VARIABLE														
CALM	////////////////////											15.9	////////	////////
TOTALS	62.2	19.8	1.8									100.0	3.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	.9										5.6	3.0	3.0
020-040	2.9	1.4										4.3	3.3	3.0
050-070	4.7	1.3	.9									6.9	4.3	3.0
(E) 080-100	6.2	1.4	.5									8.2	4.0	3.0
110-130	4.5	2.2	.1									6.8	3.9	3.0
140-160	4.8	1.4										6.2	3.7	4.0
(S) 170-190	4.8	2.6	.4	.1								8.0	4.6	4.0
200-220	6.6	6.7	.9									14.1	5.0	5.0
230-250	5.2	4.0	.1									9.2	4.3	4.0
(W) 260-280	5.3	1.3										6.6	3.4	3.0
290-310	5.5	1.0	.1									6.6	3.3	3.0
320-340	5.1	.4										5.5	2.9	3.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	60.3	24.6	3.0	.1								100.0	3.5	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG OURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.7	.3									4.3	5.0	4.0
020-040	2.3	3.9	.1									6.2	5.5	5.0
050-070	2.4	4.9	1.5	.1								8.9	6.7	6.0
(E) 080-100	2.6	5.2	1.2									8.9	6.4	6.0
110-130	2.5	6.1	1.5		.1							10.2	6.7	6.0
140-160	2.3	5.5	1.2									8.9	6.2	6.0
(S) 170-190	2.3	3.8	1.3									7.3	6.3	6.0
200-220	6.0	8.5	1.8									16.3	6.0	6.0
230-250	4.9	6.0	.6									11.6	5.3	5.0
(W) 260-280	3.5	4.0	.5									8.1	5.0	5.0
290-310	2.8	1.5	.2									4.5	4.3	3.5
320-340	2.6	.9	.1									3.5	4.2	4.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	36.5	52.0	10.3	.1	.1							100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.8	.4	.1								4.0	6.7	6.0
020-040	1.3	7.2	1.2									9.7	7.1	7.0
050-070	2.0	12.2	3.0									17.2	7.3	7.0
(E) 080-100	1.9	10.6	4.1	.2								16.9	7.6	7.0
110-130	1.5	10.1	5.2	.3								17.1	8.1	8.0
140-160	.6	4.9	2.0	.2								7.8	8.1	8.0
(S) 170-190	.8	3.2	1.0									4.9	7.1	7.0
200-220	2.5	5.5	1.4									9.4	6.6	7.0
230-250	1.8	4.6	.4									6.9	5.8	5.5
(W) 260-280	.8	1.6	.2	.1								2.7	6.5	6.0
290-310	.4	.9	.6									1.9	7.5	8.5
320-340	.6	.6	.1									1.4	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////	
TOTALS	14.8	64.2	19.6	.9								100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.0	1.0									3.0	6.8	7.5
020-040	.9	4.5	1.6									7.0	7.6	8.0
050-070	1.3	9.8	2.8									13.9	7.6	8.0
(E) 080-100	1.4	15.3	3.7									20.3	7.5	8.0
110-130	1.9	14.5	6.9	.3								23.7	8.3	8.0
140-160	1.6	6.3	4.3	.1								12.4	8.2	8.0
(S) 170-190	.6	2.4	1.3	.1	.1	.1						4.6	8.5	7.0
200-220	.5	2.6	1.1	.1								4.3	8.0	8.0
230-250	.5	2.5	.5									3.5	6.6	6.0
(W) 260-280	.9	1.2	.8									2.8	7.3	7.0
290-310	.2	1.3	.2	.1								1.8	7.8	8.0
320-340	1.2	.9		.1	.1							2.3	5.8	4.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	12.1	62.3	24.2	.8	.2	.1						100.0	7.7	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-5	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.6	.2									2.7	4.2	3.0
070-040	2.0	2.4	1.0	.1								5.5	5.9	5.0
050-070	3.7	3.7	.8									8.1	5.2	5.0
(E) 080-100	8.7	7.8	.1									16.7	4.6	4.0
110-130	8.0	9.9	1.7									19.6	5.5	5.0
140-160	6.0	8.6	1.9									16.6	5.9	5.0
(S) 170-190	4.1	4.6	.2	.1								9.0	5.1	5.0
200-220	2.2	3.8	.5	.1								6.6	6.0	5.0
230-250	2.2	2.0	.1									4.3	4.5	4.5
(W) 260-280	1.2	1.5	.6									3.3	6.0	5.0
290-310	.9	.5	.2	.1								1.7	5.9	4.5
320-340	.9	.3										1.2	3.6	3.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	41.7	45.7	7.3	.4								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	.3										3.7	2.5	2.0
020-040	2.7	1.3	.1									4.1	4.4	4.0
050-070	3.5	1.4	.5									5.5	4.5	4.0
(E) 080-100	8.8	3.4	.2									12.5	3.9	4.0
110-130	7.8	4.0	.1									11.9	4.1	4.0
140-160	7.7	5.7	.3	.1								13.9	4.5	4.0
(S) 170-190	8.1	6.1	.2									14.4	4.1	4.0
200-220	5.1	4.0	.9									9.9	4.9	4.0
230-250	2.7	1.9	.1									4.7	4.8	4.0
(W) 260-280	2.9	.6										3.5	3.1	3.0
290-310	1.9	.5										2.5	3.4	3.0
320-340	1.7	.3										2.0	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////	
TOTALS	56.2	29.5	2.4	.1								100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.0	.2	.0								3.6	4.2	3.0
020-040	2.2	2.7	.6	.0								5.5	5.6	5.0
050-070	3.2	4.4	1.3	.0								8.9	6.0	6.0
(E) 080-100	5.3	5.8	1.2	.0								12.4	5.5	5.0
110-130	4.9	6.3	2.0	.1	.0							13.2	6.1	6.0
140-160	4.4	4.4	1.2	.1								10.1	5.6	5.0
(S) 170-190	4.7	4.0	.6	.0	.0	.0						9.3	4.9	4.0
200-220	4.9	5.4	.9	.1								11.3	5.4	5.0
230-250	3.5	3.1	.3									6.9	4.8	4.0
(W) 260-280	2.8	1.7	.3	.0								4.8	4.5	4.0
290-310	2.6	.9	.2	.0								3.6	4.0	3.0
320-340	2.2	.4	.0	.0	.0							2.7	3.5	3.0
VARIABLE														
CALM	////////////////////											7.6	////////	
TOTALS	43.1	40.1	8.8	.3								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: ALL

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	1.6										9.7	3.2	2.0
020-040	4.8	3.2										8.1	4.4	3.0
050-070	3.2		1.6									4.8	5.0	3.0
(E) 080-100		1.6	3.2									4.8	9.7	10.0
110-130	1.6		1.6	1.6								4.8	10.0	12.0
140-160			1.6									1.6	14.0	14.0
(S) 170-190	4.8	6.5		1.6	1.6							14.5	7.8	5.0
200-220	8.1	3.2	8.1	1.6								21.0	8.2	6.0
230-250	1.6	6.5										8.1	4.8	5.0
(W) 260-280	4.8											4.8	2.3	3.0
290-310	3.2	4.8	1.6									9.7	6.5	7.5
320-340	1.6	1.6			1.6							4.8	9.7	5.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	41.8	29.0	17.7	4.8	3.2							100.0	6.5	5.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.1	.1									5.4	3.5	3.0
020-040	2.0	1.2	1.0	.1								4.3	6.1	5.0
050-070	4.2	1.9	2.2	4								8.8	6.6	5.0
(E) 080-100	9.1	5.6	1.2									15.9	4.6	4.0
110-130	7.7	2.1	.3	.2								10.3	4.0	3.0
140-160	5.0	2.1	.2	.1								7.4	3.9	3.0
(S) 170-190	6.4	3.3	.8	.1								10.7	4.4	4.0
200-220	2.1	3.7	.6									6.3	5.5	5.0
230-250	2.3	1.4	.4				.1	.2				4.6	7.2	4.0
(W) 260-280	2.7	1.1										3.8	3.5	3.0
290-310	3.6	.9										4.4	3.0	3.0
320-340	2.4	.8	.1									3.3	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////////////////////////////	
TOTALS	51.7	25.2	6.9	.9			.1	.2				100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	.8	.1									5.3	3.4	3.0
020-040	3.7	1.8	.1	.3								5.9	4.7	4.0
050-070	4.9	3.2	2.1	.2								10.4	6.2	5.0
(E) 080-100	5.7	4.2	.6									10.4	4.7	4.0
110-130	5.1	1.6										6.7	3.6	4.0
140-160	4.1	1.0	.6	.3								6.0	4.9	4.0
(S) 170-190	4.7	3.1	.1									7.9	4.3	4.0
200-220	2.7	2.6	.6	.1		.2	.1					6.2	6.7	5.0
230-250	4.3	1.0	.1									5.4	3.6	3.0
(W) 260-280	4.8	1.1										5.9	3.1	3.0
290-310	6.2	.7		.2								7.1	3.2	3.0
320-340	5.0	2.0	.2									7.2	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											15.4	////////	
TOTALS	55.6	23.1	4.5	1.1		.2	.1					100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.4	.6									6.8	4.2	3.0
020-040	3.6	1.7	.4	.2								5.9	5.0	4.0
050-070	4.4	4.7	1.8	.9								11.8	6.9	6.0
(E) 080-100	6.3	4.7	1.0	.1								12.1	5.2	4.0
110-130	3.0	1.4										4.4	3.8	4.0
140-160	2.4	1.1	.7	.2	.1							4.6	6.2	4.0
(S) 170-190	3.6	2.3	.4	.1								6.4	4.8	4.0
200-220	2.8	2.7	.6		.1	.2						6.3	6.4	5.0
230-250	3.8	1.8	.3	.2								6.1	4.7	4.0
(W) 260-280	3.7	1.1	.2	.2								5.2	4.1	3.0
290-310	6.4	.8	.1									7.3	3.1	3.0
320-340	8.9	1.9	.6									11.3	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											11.7	////////	
TOTALS	53.7	25.6	6.7	1.9	.2	.2						100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.6	1.4									8.9	6.4	6.0
020-040	3.6	5.8	1.7	.3								11.3	6.4	5.5
050-070	3.2	8.1	5.4	.8	.1							17.7	8.4	8.0
(E) 080-100	1.7	6.7	3.9	.1								12.3	7.9	8.0
110-130	1.1	4.0	.9									6.0	6.9	.0
140-160	2.0	2.7	1.1	.2	.1							6.1	7.2	6.0
(S) 170-190	.7	3.0	1.0	.1	.1							4.9	7.9	7.0
200-220	1.7	4.9	2.7	.2	.1							9.6	7.9	7.0
230-250	2.3	3.7	.6		.1							6.7	6.0	5.0
(W) 260-280	2.1	1.6	.2									3.9	4.9	4.0
290-310	3.0	2.1	.1									5.2	4.2	4.0
320-340	3.0	1.8	.9	.1								5.8	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	27.3	49.0	19.9	1.8	.5							100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.1	3.0	.1								6.9	8.7	9.0
020-040	1.1	10.0	3.3	.6								15.0	7.9	8.0
050-070	1.8	17.1	7.2	1.4		.1	.1	.1				27.9	8.7	8.0
(E) 080-100	1.3	10.2	5.3	.2								17.1	8.1	8.0
110-130	1.1	6.0	1.3									8.4	7.3	8.0
140-160	.4	3.4	2.0	.2								6.1	8.5	9.0
(S) 170-190	.8	1.6	1.2		.1	.1						3.8	8.5	7.5
200-220	.9	2.6	1.7	.3	.3							5.8	9.0	8.0
230-250	1.3	1.4	.8									3.6	6.7	7.0
(W) 260-280	.8	1.1	.6	.1								2.6	6.9	6.0
290-310	.6	.3	.2	.1								1.2	6.5	5.0
320-340	.2	.7	.4									1.3	7.2	7.0

VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	11.0	57.5	27.0	3.0	.4	.2	.1	.1				100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.2	2.3	.2								5.7	8.7	9.0
020-040	1.2	7.7	3.2	.7								12.8	8.4	8.0
050-070	1.8	14.7	8.1	.6		.3						25.4	8.6	8.0
(E) 080-100	2.9	16.2	4.9	.2	.1	.1						24.4	7.5	7.0
110-130	1.2	9.1	1.9									12.2	7.2	7.0
140-160	.4	4.3	2.6	.2								7.6	8.8	8.0
(S) 170-190	.1	1.6	.4									2.1	8.2	8.0
200-220	.6	1.2	.6	.2								2.6	7.9	7.0
230-250	.6	.8	.9	.4	.1							2.8	9.6	10.0
(W) 260-280	.9	.4	.2	.1								1.7	6.8	4.0
290-310		.6	.4	.1								1.1	9.8	9.5
320-340	.4	.7	.2									1.3	6.0	5.5
VARIABLE														
CALM	////////////////////											.3	////////	
TOTALS	11.0	59.5	25.7	2.7	.2	.4						100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.9	.7	.2								5.4	6.4	6.0
020-040	4.7	5.8	2.1	.1								12.7	6.1	5.5
050-070	6.9	6.6	3.7	.1								17.2	6.1	5.0
(E) 080-100	12.9	10.6	.9		.1	.3						24.8	5.0	4.0
110-130	6.4	5.2	.3		.2							12.2	4.9	4.0
140-160	4.1	4.8	.8									9.7	5.2	5.0
(S) 170-190	1.3	1.4	.4									3.2	5.9	5.0
200-220	1.0	1.1	.6	.								3.0	7.3	7.0
230-250	.4	.8	.7	.1								2.0	8.0	8.0
(W) 260-280	1.0	.8	.3									2.1	5.3	5.0
290-310	.9	.3	.2									1.4	5.2	4.0
320-340	.8	.4	.2									1.4	4.5	3.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	42.1	40.7	10.9	.8	.3	.3						100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.3	.3	.3								4.3	5.7	4.0
020-040	4.7	3.1	1.4	.1								9.3	5.7	4.5
050-070	4.8	3.2	3.0	.1								11.1	6.6	6.0
(E) 080-100	11.6	7.2	.8	.1			.1					19.8	4.9	4.0
110-130	6.4	3.4	.2	.2								10.3	4.4	4.0
140-160	8.3	3.8		.1	.1							12.3	4.2	4.0
(S) 170-190	4.7	2.7	.6									7.9	4.4	4.0
200-220	1.9	2.0	.8									4.7	5.8	5.0
230-250	1.3	1.7	.8									3.8	6.0	5.5
(W) 260-280	1.3	.7	.1									2.1	4.3	4.0
290-310	.9											.9	2.8	3.0
320-340	1.2	.6	.1									1.9	4.1	4.0
VARIABLE														
CALM	////////////////////											11.6	////////	
TOTALS	49.4	29.7	8.1	.9	.1		.1					100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		2.7	2.2	1.1	.1								6.1	6.0	5.0
020-040		3.1	4.6	1.7	.3								9.7	6.6	6.0
050-070		4.0	7.4	4.2	.6	.0	.1	.0	.0				16.3	7.6	7.0
(E) 080-100		6.4	8.2	2.3	.1	.0	.1	.0					17.1	6.1	5.0
110-130		4.0	4.1	.6	.1	.0							8.8	5.3	5.0
140-160		3.4	2.9	1.0	.2	.0							7.5	5.9	5.0
(S) 170-190		2.8	2.4	.6	.0	.0	.0						5.9	5.4	5.0
200-220		1.7	2.6	1.0	.2	.1	.1	.0					5.6	7.0	6.0
230-250		2.1	1.6	.6	.1	.0		.0	.0				4.4	6.0	5.0
(W) 260-280		2.2	1.0	.2	.1								3.4	4.4	4.0
290-310		2.7	.7	.1	.1								3.6	3.8	3.0
320-340		2.8	1.1	.3	.0								4.2	4.4	4.0
VARIABLE															
CALM		////////////////////////////////////											7.6	////////////////////////////////	
TOTALS		37.9	38.8	13.7	1.9	.1	.3						100.0	5.6	5.0
TOTAL NUMBER OF OBSERVATIONS 7200															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.2	1.2	1.2								3.7	13.7	14.0
020-040			1.2									1.2	13.0	13.0
050-070	1.2		3.7		1.2	4.9	1.2	1.2				13.6	21.6	25.0
(E) 080-100		1.2	1.2		1.2	2.5	1.2					7.4	21.2	23.5
110-130	1.2			1.2	1.2							3.7	13.7	16.0
140-160	1.2	2.5	2.5									6.2	7.6	6.0
(S) 170-190	1.2											1.2	2.0	2.0
200-220		4.9	3.7		2.5	4.9	1.2					17.3	17.5	18.0
230-250	2.5	4.9	7.4	1.2	1.2		1.2	2.5				21.0	14.7	12.0
(W) 260-280	4.9	3.7		1.2								9.9	5.4	4.0
290-310	3.7	2.5		1.2								7.4	6.0	4.5
320-340	3.7											3.7	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	19.6	20.9	20.9	6.0	7.3	12.3	4.8	3.7				100.0	13.4	11.5
TOTAL NUMBER OF OBSERVATIONS 81														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.2	1.0	.4								6.1	7.5	7.0
020-040	4.0	2.9	2.0	.1								9.0	6.1	5.0
050-070	4.1	7.6	2.7									14.4	6.6	6.0
(E) 080-100	4.9	7.1	.4									12.5	5.3	5.0
110-130	3.3	3.0	.5									6.9	4.9	5.0
140-160	4.7	1.1	.1	.1								6.0	3.4	3.0
(S) 170-190	3.0	1.7										4.7	4.1	4.0
200-220	1.9	1.5										3.4	4.1	4.0
230-250	2.9	1.7										4.6	4.0	4.0
(W) 260-280	3.7	1.6										5.3	3.7	3.0
290-310	6.0	3.0	.1									9.1	4.1	4.0
320-340	5.5	3.1	.4	.1								9.1	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											8.7	////////////////////////////////	
TOTALS	45.5	37.5	7.2	.7								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.3	2.7	1.2	.2								8.4	5.5	4.0
020-040		5.2	3.8	1.4	.1								10.4	5.6	5.0
050-070		3.7	7.3	1.7	.1								12.8	6.3	6.0
(E) 080-100		6.2	5.7	1.0									12.9	5.1	5.0
110-130		1.7	1.7										3.4	4.4	4.5
140-160		2.8	1.2	.2									4.2	4.0	3.0
(S) 170-190		2.4	1.4										3.8	4.1	4.0
200-220		1.3	1.1										2.4	4.4	4.0
230-250		2.4	2.3										4.6	4.2	4.0
(W) 260-280		4.3	1.0	.1									5.4	3.5	4.0
290-310		6.3	3.0	.3	.1								9.8	4.3	4.0
320-340		6.9	5.3	.1	.2								12.5	4.6	4.0
VARIABLE															
CALM		////////////////////////////////////										9.5	////////////////////////////////		
TOTALS		47.5	36.5	6.0	.7								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.7	.4	.1								8.1	5.1	5.0
020-040	4.7	4.9	1.6									11.3	5.8	5.0
050-070	2.5	6.8	3.1	.2								12.6	7.4	7.0
(E) 080-100	3.4	5.5	.4									9.4	5.5	5.0
110-130	3.3	1.8	.1									5.3	4.3	4.0
140-160	2.3	1.1										3.3	4.0	4.0
(S) 170-190	1.4	1.1	.3									2.8	5.3	4.5
200-220	1.0	1.1	.1									2.2	4.6	5.0
230-250	2.5	1.0	.2									3.7	4.2	3.0
(W) 260-280	4.0	1.2	.2									5.4	3.5	3.0
290-310	7.0	4.5	.4	.2								12.2	4.4	4.0
320-340	7.3	7.7	.8									15.8	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////	
TOTALS	43.3	40.4	7.6	.5								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.4	3.0	.6								9.9	8.5	8.0
020-040	1.7	6.9	6.2	.8								15.6	8.9	9.0
050-070	1.3	7.6	9.0	.4								18.4	9.3	10.0
(E) 080-100	.8	6.6	3.4	.4								11.2	8.5	8.0
110-130	.8	4.5	1.9									7.2	7.8	8.0
140-160	1.0	2.2	.9									4.0	6.6	6.0
(S) 170-190	.8	1.5	1.0	.2								3.4	7.8	7.5
200-220	1.5	2.2	.9									4.5	6.3	6.0
230-250	1.5	2.9	.9									5.3	6.3	6.0
(W) 260-280	.6	2.5	.4									3.5	5.7	5.0
290-310	2.5	3.7	1.1									7.2	6.3	5.0
320-340	2.2	5.1	1.6	.5								9.4	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	16.5	50.1	30.3	2.9								100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	4.0	6.3	1.3								11.9	10.5	10.0
020-040	.9	10.8	8.1	.8								20.4	9.0	9.0
050-070	1.2	9.6	10.4	1.6								22.8	9.7	10.0
(E) 080-100	.9	6.3	4.3	.3								11.8	8.6	8.0
110-130	.2	5.1	2.6	.1								8.0	8.5	8.0
140-160	.2	2.5	1.6									4.3	8.4	8.0
(S) 170-190	.5	.4	.9									1.8	7.1	9.0
200-220	.5	1.7	1.1	.4								3.8	8.5	8.0
230-250	1.1	3.4	.2									4.7	6.3	6.5
(W) 260-280	.5	1.9	.4									2.9	6.3	6.0
290-310	.4	2.3	.6									3.3	7.4	8.0
320-340	.2	1.9	1.4	.5								4.1	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	6.9	49.9	37.9	5.0								100.0	8.9	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	4.2	7.7	1.1	.1							14.0	10.1	10.0
020-040	1.4	13.0	7.1	.8								22.3	8.5	8.0
050-070	.9	13.2	7.3	.6								22.0	8.7	8.0
(E) 080-100	1.5	12.0	2.4									15.9	7.1	7.0
110-130	.8	7.2	1.6									9.6	7.5	8.0
140-160	.8	2.5	1.5	.1								4.8	7.9	7.0
(S) 170-190	.4	.3	.2									1.0	6.1	7.0
200-220	.5	.4										1.0	5.0	4.0
230-250	.8	1.5	.2									2.5	6.3	7.0
(W) 260-280	.4	1.6	.2									2.3	6.2	6.0
290-310	.3	1.6	.4									2.4	7.0	6.5
320-340	.3	.9	.9	.2								2.3	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	9.0	58.4	29.5	2.8	.1							100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	5.0	2.5	.8								11.4	7.3	6.0
020-040	6.0	10.8	3.8									20.6	6.5	6.0
050-070	5.3	9.6	3.2	.3								18.4	6.7	6.0
(E) 080-100	7.9	9.1	.6									17.6	5.0	5.0
110-130	4.2	4.1	.4									8.7	5.0	5.0
140-160	3.1	3.6	.2									6.9	4.9	5.0
(S) 170-190	1.6	.6										2.3	3.6	3.0
200-220	1.3	.1										1.4	2.9	3.0
230-250	.5	1.4										1.9	4.7	5.0
(W) 260-280	.8	.3										1.1	3.4	2.5
290-310	.5	.6	.2									1.4	6.0	6.0
320-340	1.5	1.5	1.1	.1								4.2	6.8	6.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	35.9	46.7	12.0	1.2								100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.	3.0	2.0	.4								9.4	6.7	5.0
020-040	3.6	6.1	2.0		.1							11.9	6.7	6.0
050-070	4.6	7.1	4.0	.2								16.0	7.1	6.0
(E) 080-100	6.0	9.2	1.8	.1								17.2	5.9	5.0
110-130	4.7	3.6	.2									8.5	4.5	4.0
140-160	3.6	2.5	.1									6.1	4.4	4.0
(S) 170-190	3	1.5	.1									4.7	4.0	4.0
200-220	5	1.3	.1									2.7	4.7	5.0
230-250	1.9	1.6										3.6	4.2	4.0
(W) 260-280	1.4	1.4										2.8	4.5	4.5
290-310	2.0	1.3	.2									3.6	4.5	4.0
320-340	3.2	2.0	.4	.1								5.8	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	39.3	40.6	10.9	.8	.1							100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.5	3.8	3.0	.6	.0							9.9	8.0	8.0
020-040		3.4	7.4	4.0	.3	.0							15.2	7.4	7.0
050-070		2.9	8.6	5.2	.4								17.2	7.9	8.0
(E) 080-100		4.0	7.7	1.8	.1								13.5	6.3	6.0
110-130		2.4	3.9	.9	.0								7.2	6.1	6.0
140-160		2.3	2.1	.6	.0								5.0	5.4	5.0
(S) 170-190		1.7	1.1	.3	.0								3.1	5.0	4.0
200-220		1.2	1.2	.3	.1								2.7	5.5	5.0
230-250		1.7	2.0	.2									3.9	5.1	5.0
(W) 260-280		2.0	1.4	.2									3.6	4.4	4.0
290-310		3.1	2.5	.4	.0								6.1	5.0	4.0
320-340		3.4	3.4	.8	.2								7.9	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////										4.9	////////////////////////////////		
TOTALS		30.6	45.1	17.7	1.7								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: ALL

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	8.0	2.0	3.3								14.7	9.2	7.5
020-040	1.3	6.0	4.0	.7								12.0	9.1	9.0
050-070		4.0										4.0	7.2	7.0
(E) 080-100		.7	.7									1.3	8.5	8.5
110-130														
140-160		.7	.7									1.3	9.0	9.0
(S) 170-190	.7											.7	1.0	1.0
200-220														
230-250	2.0	1.3	.7									4.0	5.0	4.5
(W) 260-280	4.7	2.0	.7									7.3	4.4	4.0
290-310	5.3	4.7	1.3	1.3								12.7	6.3	5.0
320-340	7.3	19.3	6.0	3.3								36.0	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	22.6	46.7	16.1	8.6								100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 150

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.1	.2	.1								7.3	4.8	4.0
020-040	3.1	2.0	1.4	.3								6.9	6.4	5.0
050-070	3.3	3.2	2.9	.2								9.7	7.2	7.0
(E) 080-100	4.9	4.9	1.0									10.8	5.4	5.0
110-130	6.0	3.3	.9									10.2	4.9	4.0
140-160	2.9	2.6	.4									5.9	4.9	5.0
(S) 170-190	3.4	2.2	.6	.1								6.3	5.1	4.0
200-220	1.2	1.6	.4	.1								3.3	5.9	5.0
230-250	1.8	2.0	.1									3.9	4.7	5.0
(W) 260-280	2.7	2.9	.1									5.7	4.7	5.0
290-310	6.2	4.9	2.1									13.2	5.5	5.0
320-340	5.6	4.8	1.3	.2								11.9	5.5	5.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	45.0	37.5	11.4	1.0								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	3.3	.1									6.4	4.5	5.0
020-040	3.0	1.7	1.1	.1								5.9	5.9	4.0
050-070	3.2	3.6	2.2	.1								9.1	6.8	6.0
(E) 080-100	4.4	5.1	.9									10.4	5.3	5.0
110-130	2.8	2.4	.7									5.9	5.5	5.0
140-160	2.6	1.9	.6									5.0	5.3	4.0
(S) 170-190	3.1	2.3	.4									5.9	5.1	4.0
200-220	2.3	1.7	.1	.4								4.6	5.6	4.0
230-250	2.8	1.3	.2									4.3	4.2	3.0
(W) 260-280	3.7	2.3	.2									6.2	4.2	4.0
290-310	7.8	5.4	1.6									14.8	5.3	4.0
320-340	5.4	7.2	2.4	.3								15.4	6.1	5.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	44.1	38.2	10.5	.9								100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.6	.7									7.2	4.9	4.0
020-040	2.8	3.1	.7									6.6	5.7	5.0
050-070	2.3	3.8	2.6									8.7	7.3	7.0
(E) 080-100	4.8	4.2	.9									9.9	5.4	5.0
110-130	2.2	1.6	.4									4.2	4.7	4.0
140-160	1.3	2.0	.8	.1								4.2	6.3	5.0
(S) 170-190	3.2	2.0	.3									5.6	4.4	4.0
200-220	2.0	1.8	.4									4.2	5.2	5.0
230-250	2.1	1.1	.2									3.4	4.4	4.0
(W) 260-280	2.7	1.9	.1									4.7	4.5	4.0
290-310	7.3	7.4	1.6	.1								16.4	5.5	5.0
320-340	7.3	8.7	2.6	.2	.1							18.9	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	42.0	40.2	11.3	.4	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	6.2	3.7	.4	.1	.1						12.4	8.4	8.0
020-040	1.3	4.0	2.4	.3								8.1	8.0	8.0
050-070	.8	3.6	4.3	.8								9.4	9.6	10.0
(E) 080-100	1.0	4.0	3.3	.1								8.4	8.6	9.0
110-130	1.7	5.9	2.7	.1								10.3	7.6	8.0
140-160	1.0	3.2	1.6									5.8	7.7	8.0
(S) 170-190	1.4	2.3	2.3	.2								6.3	7.8	7.0
200-220	1.2	3.4	2.6	.1								7.3	7.8	8.0
230-250	.9	1.7	.4									3.0	6.1	6.0
(W) 260-280	1.1	2.3	.6									4.0	6.4	6.0
290-310	1.8	3.6	3.2	.2								8.8	7.9	8.0
320-340	2.8	7.0	4.7	.7								15.1	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	16.9	47.2	31.8	2.9	.1	.1						100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	6.8	7.0	1.6	.1							16.3	9.9	10.0
020-040	1.2	6.7	3.9	.9	.1							12.8	8.7	8.0
050-070	.4	4.3	4.2	1.0								10.0	9.7	10.0
(E) 080-100	.3	4.0	3.7	.4								8.4	9.5	9.0
110-130	.9	7.2	3.6									11.7	8.3	8.0
140-160	.2	3.9	3.8	.8								8.7	10.1	10.0
(S) 170-190	.2	2.1	2.2	.3								4.9	9.7	10.0
200-220	.7	2.7	1.6	.3								5.2	8.4	9.0
230-250	.8	2.6	1.3	.3								5.0	8.0	8.0
(W) 260-280	.3	1.7	1.4	.3								3.8	8.9	8.5
290-310	.8	2.8	1.8	.3								5.7	8.6	8.0
320-340	.1	3.4	2.4	1.2								7.2	9.9	10.0
VARIABLE														
CALM	////////////////////////////////////										.3	////////////////////////////////		
TOTALS	6.8	48.2	36.9	7.4	.2							100.	9.2	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	8.9	7.0	1.0	.1							18.8	9.0	8.0
020-040	3.1	6.8	3.1	.8								13.8	7.4	7.0
050-070	1.4	5.8	3.3	.2								10.8	7.8	7.0
(E) 080-100	2.8	7.3	1.4	.2								11.8	6.8	7.0
110-130	1.0	7.3	1.2									9.6	7.3	7.0
140-160	.8	5.3	3.6	.3								10.0	8.7	8.5
(S) 170-190	.6	1.9	.8									3.2	7.6	8.0
200-220	1.0	1.9	.1									3.0	5.8	6.0
230-250	.2	1.7	.7	.2								2.8	8.1	7.0
(W) 260-280	.8	1.8	1.9	.3								4.8	8.8	9.0
290-310	.9	2.9	1.2	.3								5.3	7.8	7.0
320-340	1.3	2.2	1.6	.4								5.6	8.3	8.0
VARIABLE														
CALM	////////////////////											.7	////////////////	
TOTALS	15.7	53.8	25.9	3.7	.1							100.0	7.9	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	7.1	3.8	.3								16.3	6.7	6.0
020-040	6.6	4.6	1.4	.4								13.0	5.8	4.0
050-070	4.7	2.8	2.3	.1								9.9	6.2	5.0
(E) 080-100	6.0	5.1	.8	.1								12.0	4.9	4.5
110-130	5.3	4.4	.2									10.0	4.8	4.0
140-160	3.2	5.6	.8									9.6	5.7	5.0
(S) 170-190	1.6	1.3	.1	.1								3.1	5.3	4.5
200-220	.2	1.2	.1									1.6	6.6	7.0
230-250	.9	.3	.4									1.7	6.2	4.0
(W) 260-280	2.0	2.1	1.0	.2								5.3	6.3	5.0
290-310	1.3	2.2	.8									4.3	6.3	6.0
320-340	2.7	3.8	.9	.2								7.6	6.2	5.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	39.6	40.5	12.6	1.4								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.1	4.9	2.0	.1								12.1	5.8	5.0
020-040	3.7	2.6	1.8	.4								8.4	6.3	5.0
050-070	4.3	3.7	1.6									9.6	5.8	5.0
(E) 080-100	6.4	3.6	.4	.1								10.6	4.5	4.0
110-130	5.8	4.8	1.1									11.7	5.0	5.0
140-160	2.9	3.6	.4									6.9	5.5	5.0
(S) 170-190	3.2	1.7	.4									5.3	4.5	4.0
200-220	1.3	1.1	.2									2.7	5.3	5.0
230-250	2.0	1.3	.2									3.6	5.0	4.0
(W) 260-280	2.4	2.9	.2									5.6	5.2	5.0
290-310	4.6	3.7	.9									9.1	5.4	4.5
320-340	4.2	4.1	.4	.1								8.9	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////										5.7	////////////////////////////////		
TOTALS	45.9	38.0	9.6	.7								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.2	5.4	3.1	.4	.0	.0						12.1	7.4	7.0
020-040	3.1	3.9	2.0	.4	.0							9.4	6.9	6.0
050-070	2.6	3.8	2.9	.3								9.6	7.6	7.0
(E) 080-100	3.8	4.8	1.6	.1								10.3	6.2	5.0
110-130	3.2	4.6	1.3	.0								9.2	6.2	6.0
140-160	1.9	3.5	1.5	.2								7.0	7.0	6.0
(S) 170-190	2.1	2.0	.9	.1								5.1	6.1	5.0
200-220	1.3	1.9	.7	.1								4.0	6.6	6.0
230-250	1.4	1.5	.5	.1								3.5	5.8	5.0
(W) 260-280	2.0	2.2	.7	.1								5.0	5.9	5.0
290-310	3.8	4.1	1.6	.1								9.7	6.1	5.0
320-340	3.7	5.2	2.0	.4	.0							11.3	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	32.1	42.9	18.8	2.3								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: ALL

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

AND/OR

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.5	12.3	9.5	.9	.9	.3						26.6	9.3	9.0
020-040	.9	1.9		.3								3.2	7.0	7.0
050-070	.3	1.3	.6									2.2	7.7	8.0
(E) 080-100	.3	1.3	.6									2.2	7.9	8.0
110-130	.6	.6	.6									1.9	7.3	5.0
140-160	.6	1.6										2.2	6.6	7.0
(S) 170-190	1.3	.9	.9	.3								3.5	7.3	6.0
200-220	.9	1.3	1.3									3.5	7.7	8.0
230-250	2.2	2.5	.3									5.1	4.9	5.0
(W) 260-280	2.8	3.8										6.6	5.1	5.0
290-310	4.1	6.0	.3									10.4	5.1	5.0
320-340	6.3	14.2	7.0	2.2								29.7	8.0	7.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	22.8	47.7	21.1	3.7	.9	.3						100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 316														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.7	.6	.2								6.1	5.5	5.0
020-040	2.3	1.3	.5									4.1	5.4	4.0
050-070	1.8	2.4	.9									5.1	6.1	5.0
(E) 080-100	2.5	4.6	1.3	.3								8.7	6.3	5.0
110-130	3.0	3.1	.1	.1								6.3	4.9	5.0
140-160	2.5	3.3	.3									6.1	5.2	5.0
(S) 170-190	3.3	3.9	1.1									8.3	5.6	5.0
200-220	3.4	2.3	.5									6.2	4.7	4.0
230-250	3.4	1.6	.2									5.3	4.0	4.0
(W) 260-280	4.3	2.8	.5	.1								7.7	4.8	4.0
290-310	4.9	6.1	2.5	.2								13.8	6.3	5.0
320-340	4.8	7.8	3.1	1.0								16.8	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	38.8	41.9	11.6	1.9								100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.7	.3	.1								7.0	4.7	4.0
020-040	1.8	.9	.2									2.9	4.8	4.0
050-070	2.4	2.4	.8									5.5	5.5	5.0
(E) 080-100	2.8	3.3	1.2									7.3	5.9	5.0
110-130	2.3	2.8	.5	.1								5.7	5.6	5.0
140-160	1.5	2.3										3.8	4.7	5.0
(S) 170-190	3.2	4.7	1.1	.1								9.1	6.0	5.0
200-220	2.5	1.9	1.1	.2								5.7	6.3	5.0
230-250	2.5	1.3	.2									4.0	4.4	4.0
(W) 260-280	4.2	2.6	.1	.3								7.2	4.6	4.0
290-310	6.1	4.6	2.8	.2								13.8	6.0	5.0
320-340	5.8	11.6	4.4	1.0	.1							22.9	7.0	6.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	39.0	41.1	12.7	2.0	.1							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	3.1	.5									8.9	4.6	4.0
020-040	1.8	1.0	.5	.1								3.4	5.8	4.0
050-070	2.5	2.5	1.0									5.9	5.7	5.0
(E) 080-100	3.3	2.8	.6	.1								6.9	5.4	5.0
110-130	2.4	2.9										5.3	4.8	5.0
140-160	1.7	2.2	.6									4.5	5.6	5.0
(S) 170-190	2.5	4.7	1.1	.2								8.5	6.2	5.0
200-220	2.2	2.8	1.4	.3								6.7	6.9	6.0
230-250	2.4	1.5										3.9	4.1	4.0
(W) 260-280	3.0	1.6	.3	.3								5.3	5.0	4.0
290-310	6.0	5.9	2.3	.6								14.8	6.3	5.0
320-340	6.3	10.9	3.3	1.1								21.6	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	39.4	41.9	11.6	2.7								100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.3	2.8	.1								10.1	7.0	6.0
020-040	1.3	3.1	.6									5.1	6.8	7.0
050-070	1.3	3.2	1.3	.3								6.1	7.4	7.0
(E) 080-100	1.3	3.9	1.3	.3								6.8	7.6	7.0
110-130	.6	3.4	2.3	.3								6.7	8.7	9.0
140-160	.6	2.3	2.3	.3								5.5	8.7	9.0
(S) 170-190	1.1	2.3	3.4	1.0								7.7	10.0	10.0
200-220	1.4	4.2	1.9	1.0								8.5	8.2	7.0
230-250	1.9	3.2	1.2									6.3	6.3	6.0
(W) 260-280	1.4	2.3	.4	.6								4.7	7.2	6.0
290-310	2.0	4.2	2.4	.6								9.2	7.8	7.0
320-340	2.2	10.4	8.0	1.3								21.8	8.7	8.0
VARIABLE														
CALM	////////////////////											1.4	//////////	
TOTALS	18.0	46.8	27.9	5.8								100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	9.0	6.1	.4								18.2	8.1	8.0
020-040	2.9	5.5	1.6	.2								10.2	6.6	6.0
050-070	2.7	5.8	1.2	.3								10.0	6.5	6.0
(E) 080-100	2.3	4.9	1.1	.2								8.5	6.8	6.0
110-130	1.1	4.9	1.8									7.8	7.6	8.0
140-160	.8	5.8	3.5	.2								10.3	8.5	8.0
(S) 170-190	.8	1.6	1.6									4.0	7.8	7.0
200-220	1.1	2.9	1.1									5.1	6.9	7.0
230-250	1.4	3.2	.8	.1	.1							5.6	7.0	6.5
(W) 260-280	1.1	3.7	1.4	.9	.3							7.3	9.0	7.0
290-310	.5	1.9	1.0	.2								3.7	8.2	8.0
320-340	.3	4.3	2.9	.9								8.4	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////										1.0	////////////////////////////////		
TOTALS	17.6	53.5	24.1	3.4	.4							100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		5.3	7.2	2.6	.3								15.4	6.2	5.0
020-040		4.7	1.3	1.1									7.1	5.0	4.0
050-070		5.6	2.0	.8	.2								8.6	4.7	4.0
(E) 080-100		4.7	3.9	.5	.2								9.4	5.3	4.0
110-130		4.0	4.1	.9									8.9	5.3	5.0
140-160		3.0	6.9	.6									10.5	5.7	6.0
(S) 170-190		1.5	1.8	.1	.1								3.5	4.9	5.0
200-220		1.7	1.7	.3									3.8	5.4	5.0
230-250		1.2	2.6	.2									4.0	6.0	5.0
(W) 260-280		1.7	2.0	1.7	.2								5.7	7.6	7.0
290-310		2.5	2.3	1.0	.3								6.0	6.3	5.0
320-340		5.3	4.7	1.1	.9								11.9	6.1	5.0
VARIABLE															
CALM		////////////////////////////////////											5.2	////////////////////////////////	
TOTALS		41.2	40.5	10.9	2.2								100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	4.9	1.2	.2								10.5	5.8	5.0
020-040	2.6	1.3	1.3	.1								5.3	6.1	5.0
050-070	2.9	2.3	1.8	.1								7.1	6.4	5.0
(E) 080-100	3.2	3.5	.8									7.5	5.7	5.0
110-130	3.9	3.4	.9									8.2	5.4	5.0
140-160	4.5	4.8	.6									10.0	5.0	5.0
(S) 170-190	3.4	2.6	.6									6.7	5.2	4.0
200-220	1.9	1.4	.8									4.1	5.5	5.0
230-250	2.4	1.7	.3									4.4	5.1	4.0
(W) 260-280	2.5	3.0	.8									6.2	5.4	5.0
290-310	4.6	3.0	1.8	.1								9.6	5.9	5.0
320-340	4.5	6.0	2.0	.9								13.4	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////	
TOTALS	40.6	37.9	12.9	1.4								100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	5.1	2.5	.3	.0							11.3	6.8	6.0
020-040	2.3	2.4	1.0	.1								5.8	6.2	5.0
050-070	2.5	3.0	1.2	.2								6.9	6.3	5.0
(E) 080-100	2.6	4.0	1.0	.2								7.8	6.4	6.0
110-130	2.2	3.7	1.2	.1								7.2	6.5	6.0
140-160	1.9	3.6	1.5	.1								7.2	6.8	6.0
(S) 170-190	2.0	2.9	1.5	.3								6.7	7.0	6.0
200-220	1.9	2.7	1.3	.3								6.3	7.1	6.0
230-250	2.0	2.3	.5	.1	.0							4.9	5.7	5.0
(W) 260-280	2.4	2.7	.8	.4	.1							6.3	6.5	5.0
290-310	3.5	3.9	1.9	.4	.0							9.7	6.7	6.0
320-340	3.8	7.6	3.8	1.0	.0							16.2	7.6	7.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	30.6	43.9	18.2	3.5	.1							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.6	5.1	3.5	.2							13.5	6.5	6.0
020-040	.7	1.5	1.3	.2							3.8	8.4	7.0
050-070	1.1	1.1	.2								2.4	5.2	5.0
(E) 080-100	1.8	1.5	.2								3.5	5.1	4.5
110-130	1.1	1.1	.2								2.4	5.0	5.0
140-160	1.3	.2	.2								1.8	4.4	4.0
(S) 170-190	1.3	2.7	1.1								5.1	6.9	7.0
200-220	2.2	3.5	2.4	.7							8.8	7.9	7.5
230-250	1.3	2.9	.7								4.9	5.8	6.0
(W) 260-280	3.1	3.1	.7	.2							7.1	5.3	5.0
290-310	6.0	4.4	1.1								11.5	4.9	4.0
320-340	4.9	17.3	6.9	2.2							31.2	8.0	8.0
VARIABLE													
CALM	////////////////////////////////////										4.0	////////////////////////////////	
TOTALS	29.4	44.4	18.5	3.5							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 452

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(DEGREES)											%	WIND	WIND	
(N) 350-010	2.3	3.4	2.2	.3	.0	.0						8.2	7.4	7.0
020-040	2.3	3.5	1.5	.2	.0	.0						7.5	6.8	6.0
050-070	2.4	4.3	2.2	.2	.0	.0	.0	.0				9.1	7.2	7.0
(E) 080-100	3.3	5.4	1.7	.1	.0	.0	.0					10.5	6.4	6.0
110-130	2.8	5.0	1.8	.1	.0							9.7	6.6	6.0
140-160	2.7	4.1	2.1	.4	.0	.0						9.4	7.2	6.0
(S) 170-190	3.0	3.1	1.1	.2	.0	.0	.0					7.5	6.2	5.0
200-220	2.2	3.5	1.1	.2	.0	.0	.0					7.0	6.7	6.0
230-250	2.1	3.1	.8	.2	.0	.0	.0	.0				6.2	6.4	6.0
(W) 260-280	2.3	2.9	1.1	.4	.1	.0	.0					6.8	6.9	6.0
290-310	2.7	2.6	1.1	.2	.0	.0						6.7	6.4	5.0
320-340	2.6	3.2	1.6	.4	.0							7.7	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////										3.5	////////////////////////////////		
TOTALS	30.7	44.1	18.3	2.9	.1							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS: 87667														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL HOURS: ALL

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	8.5	7.2	1.4	.1	.0						20.2	8.8	9.0
020-040	1.0	2.2	1.1	.3		.0						4.7	7.8	7.0
050-070	.6	1.0	.5	.1	.0	.1	.0	.0				2.5	9.3	8.0
(E) 080-100	.7	1.1	.7	.2	.0	.1	.0					2.7	8.6	7.0
110-130	.7	.6	.4	.1	.0							1.8	7.3	6.0
140-160	.8	.9	.4	.0	.1	.0						2.3	7.6	7.0
(S) 170-190	1.2	1.6	1.7	.4	.0							4.9	8.3	8.0
200-220	1.7	2.6	1.7	.5	.1	.1	.0					6.8	8.6	8.0
230-250	1.6	4.0	1.2	.0	.1	.0	.0	.1				7.2	7.5	7.0
(W) 260-280	3.3	3.7	1.1	.3	.1	.1						8.6	6.3	5.0
290-310	3.8	4.3	1.4	.4	.0	.0						9.9	6.5	6.0
320-340	3.9	10.9	7.7	2.6	.1							25.3	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	22.3	41.4	25.1	6.3	.6	.4		.1				100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS: 2737

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

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

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	54.8	56.0	56.9	57.3	57.3	57.	57.5	57.5	57.8	57.8	57.8	58.0	58.0	58.1	58.2
GE 20000	61.9	62.7	64.1	64.9	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.5	66.5	66.6	66.8
GE 18000	61.9	62.7	64.1	64.9	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.5	66.5	66.6	66.8
GE 16000	61.9	62.7	64.1	64.9	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.5	66.5	66.6	66.8
GE 14000	62.3	63.0	64.4	65.3	65.8	65.8	66.1	66.1	66.1	66.7	66.7	66.7	66.8	66.8	66.9	67.1
GE 12000	62.6	63.4	65.1	66.0	66.6	66.6	66.9	66.9	66.9	67.4	67.4	67.4	67.5	67.5	67.6	67.8
GE 10000	66.3	67.3	68.9	69.9	70.4	70.4	70.8	70.8	70.8	71.3	71.3	71.3	71.4	71.4	71.5	71.7
GE 9000	67.1	68.1	69.7	70.6	71.2	71.2	71.5	71.5	71.5	72.0	72.0	72.0	72.2	72.2	72.3	72.5
GE 8000	69.7	70.6	72.3	73.2	73.9	73.9	74.2	74.2	74.2	74.7	74.7	74.7	74.8	74.8	74.9	75.2
GE 7000	69.8	70.8	72.4	73.3	74.1	74.1	74.4	74.4	74.4	74.9	74.9	74.9	75.1	75.1	75.2	75.4
GE 6000	70.2	71.2	72.8	73.8	74.5	74.5	74.8	74.8	74.8	75.4	75.4	75.4	75.5	75.5	75.6	75.8
GE 5000	72.4	73.3	74.9	75.9	76.7	76.7	77.0	77.0	77.0	77.5	77.5	77.5	77.6	77.6	77.7	78.0
GE 4500	75.4	76.5	78.1	79.0	79.9	79.9	80.2	80.2	80.2	80.8	80.8	80.8	80.9	80.9	81.0	81.2
GE 4000	77.0	78.1	79.7	80.6	81.5	81.5	81.8	81.8	81.8	82.4	82.4	82.4	82.5	82.5	82.6	82.8
GE 3500	79.9	81.1	83.0	84.0	84.8	84.8	85.2	85.2	85.2	85.7	85.7	85.7	85.8	85.8	85.9	86.1
GE 3000	81.5	82.7	84.7	85.7	86.6	86.6	86.9	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.6	87.8
GE 2500	82.4	83.7	85.8	86.8	87.6	87.6	88.1	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.9	89.1
GE 2000	84.5	85.8	88.2	89.2	90.1	90.1	90.5	90.5	90.5	91.1	91.1	91.1	91.2	91.2	91.4	91.6
GE 1800	84.7	86.0	88.4	89.5	90.3	90.3	90.8	90.8	90.8	91.3	91.3	91.3	91.4	91.4	91.6	91.8
GE 1500	85.1	86.3	88.9	90.1	91.0	91.0	91.4	91.5	91.5	92.0	92.0	92.0	92.2	92.2	92.4	92.6
GE 1200	86.0	87.5	90.2	91.4	92.3	92.3	92.7	92.8	92.8	93.3	93.3	93.3	93.4	93.4	93.7	93.9
GE 1000	86.1	87.6	90.4	91.6	92.5	92.5	92.9	93.0	93.0	93.5	93.5	93.5	93.7	93.7	93.9	94.1
GE 900	86.2	87.8	90.8	92.0	92.9	92.9	93.3	93.4	93.4	94.0	94.0	94.0	94.1	94.1	94.3	94.5
GE 800	86.3	88.0	91.0	92.3	93.1	93.1	93.5	93.7	93.7	94.2	94.2	94.2	94.3	94.3	94.5	94.7
GE 700	86.5	88.1	91.1	92.4	93.4	93.4	93.9	94.0	94.0	94.5	94.5	94.5	94.6	94.6	94.8	95.1
GE 600	86.8	88.4	91.5	93.0	94.1	94.1	94.5	94.6	94.6	95.2	95.2	95.2	95.3	95.3	95.5	95.7
GE 500	87.2	88.8	92.2	94.0	95.2	95.3	95.9	96.1	96.1	96.7	96.7	96.7	96.9	96.9	97.1	97.3
GE 400	87.2	88.8	92.3	94.1	95.6	95.9	96.8	97.0	97.0	97.5	97.5	97.5	97.7	97.7	98.0	98.2
GE 300	87.2	88.8	92.3	94.1	95.7	96.0	97.0	97.5	97.5	98.3	98.3	98.3	98.5	98.6	98.8	99.0
GE 200	87.2	88.8	92.3	94.1	95.8	96.1	97.1	97.6	97.6	98.4	98.5	98.5	99.0	99.1	99.4	99.6
GE 100	87.2	88.8	92.3	94.1	95.8	96.1	97.1	97.6	97.6	98.4	98.5	98.5	99.4	99.5	99.8	100.0
GE 000	87.2	88.8	92.3	94.1	95.8	96.1	97.1	97.6	97.6	98.4	98.5	98.5	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	55.1	56.5	57.2	57.7	57.7	58.4	58.5	58.5	58.7	58.7	58.7	59.1	59.1	59.4	59.7
GE 20000	62.2	62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
GE 18000	62.2	62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
GE 16000	62.2	62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
GE 14000	62.2	62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
GE 12000	63.2	63.9	65.8	66.6	67.3	67.3	68.0	68.1	68.1	68.4	68.4	68.4	68.8	68.8	69.0	69.4
GE 10000	68.2	68.8	71.0	71.7	72.5	72.5	73.1	73.2	73.2	73.5	73.5	73.5	74.0	74.0	74.2	74.5
GE 9000	68.7	69.4	71.5	72.3	73.0	73.0	73.7	73.8	73.8	74.1	74.1	74.1	74.5	74.5	74.7	75.1
GE 8000	69.9	70.5	72.7	73.4	74.4	74.4	75.1	75.2	75.2	75.5	75.5	75.5	75.9	75.9	76.1	76.5
GE 7000	70.1	70.8	72.9	73.7	74.6	74.6	75.3	75.4	75.4	75.7	75.7	75.7	76.1	76.1	76.3	76.7
GE 6000	70.4	71.1	73.2	74.0	74.9	74.9	75.6	75.7	75.7	76.0	76.0	76.0	76.5	76.5	76.7	77.0
GE 5000	72.0	72.7	74.8	75.6	76.6	76.6	77.2	77.3	77.3	77.6	77.6	77.6	78.1	78.1	78.3	78.6
GE 4500	73.8	74.5	76.8	77.5	78.7	78.7	79.4	79.5	79.5	79.8	79.8	79.8	80.2	80.2	80.4	80.8
GE 4000	74.6	75.5	77.7	78.6	79.8	79.8	80.4	80.5	80.5	80.9	80.9	80.9	81.3	81.3	81.5	81.8
GE 3500	76.7	77.5	80.0	80.9	82.0	82.0	82.7	82.8	82.8	83.1	83.1	83.1	83.5	83.5	83.8	84.1
GE 3000	78.1	78.9	81.4	82.3	83.5	83.5	84.2	84.3	84.3	84.6	84.6	84.6	85.1	85.1	85.3	85.6
GE 2500	79.2	80.2	82.8	83.8	85.1	85.1	85.7	85.8	85.8	86.1	86.1	86.1	86.6	86.6	86.9	87.2
GE 2000	80.4	81.6	84.7	85.8	87.5	87.5	88.2	88.3	88.3	88.6	88.6	88.6	89.0	89.0	89.4	89.7
GE 1800	80.6	81.8	85.1	86.2	88.0	88.0	88.6	88.7	88.7	89.0	89.0	89.0	89.5	89.5	89.8	90.1
GE 1500	81.4	82.7	86.3	87.5	89.2	89.2	89.9	90.0	90.0	90.3	90.3	90.3	90.8	90.8	91.1	91.4
GE 1200	82.0	83.3	87.1	88.4	90.1	90.1	90.8	90.9	90.9	91.2	91.2	91.2	91.6	91.6	91.9	92.3
GE 1000	82.4	83.7	87.4	88.7	90.4	90.4	91.1	91.2	91.2	91.5	91.5	91.5	91.9	91.9	92.3	92.6
GE 900	82.5	83.8	87.5	88.8	90.5	90.5	91.2	91.3	91.3	91.6	91.6	91.6	92.0	92.0	92.4	92.7
GE 800	82.9	84.2	88.0	89.2	91.0	91.0	91.6	91.7	91.7	92.0	92.0	92.0	92.5	92.5	92.8	93.1
GE 700	83.1	84.6	88.4	89.7	91.6	91.6	92.3	92.4	92.4	92.7	92.7	92.7	93.1	93.1	93.4	93.8
GE 600	83.2	84.8	88.6	90.0	92.3	92.3	93.1	93.2	93.2	93.5	93.5	93.5	94.0	94.0	94.3	94.6
GE 500	83.7	85.3	89.0	90.5	93.1	93.3	94.0	94.2	94.2	94.5	94.5	94.5	94.9	94.9	95.3	95.6
GE 400	83.8	85.4	89.5	91.1	93.9	94.4	95.2	95.4	95.4	95.9	95.9	95.9	96.3	96.3	96.7	97.0
GE 300	83.8	85.4	89.5	91.1	94.1	94.6	95.5	95.8	95.8	96.3	96.5	96.5	96.9	96.9	97.2	97.5
GE 200	83.8	85.4	89.7	91.3	94.3	94.8	95.7	96.1	96.1	97.2	97.3	97.3	98.3	98.3	98.6	99.1
GE 100	83.8	85.4	89.7	91.3	94.3	94.8	95.7	96.2	96.2	97.4	97.5	97.5	98.9	98.9	99.5	100.0
GE 000	83.8	85.4	89.7	91.3	94.3	94.8	95.7	96.2	96.2	97.4	97.5	97.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	45.9	47.2	48.1	49.0	49.4	50.4	50.8	50.8	51.0	51.0	51.0	51.9	51.9	52.2	52.8
GE 20000	54.6	55.3	57.6	58.6	59.7	60.0	61.2	61.5	61.5	61.9	61.9	61.9	62.9	62.9	63.2	63.9
GE 18000	55.2	55.8	58.2	59.1	60.2	60.5	61.7	62.0	62.0	62.5	62.5	62.5	63.4	63.4	63.8	64.4
GE 16000	55.3	55.9	58.3	59.2	60.3	60.6	61.8	62.2	62.2	62.6	62.6	62.6	63.5	63.5	63.9	64.5
GE 14000	55.9	56.6	58.9	59.9	61.0	61.3	62.5	62.8	62.8	63.2	63.2	63.2	64.2	64.2	64.5	65.2
GE 12000	57.8	58.5	60.9	61.8	62.9	63.2	64.4	64.7	64.7	65.2	65.2	65.2	66.1	66.1	66.5	67.1
GE 10000	60.9	61.6	64.0	64.9	66.0	66.3	67.5	67.8	67.8	68.3	68.3	68.3	69.2	69.2	69.6	70.2
GE 9000	61.5	62.4	64.7	65.7	66.9	67.2	68.4	68.7	68.7	69.1	69.1	69.1	70.1	70.1	70.4	71.1
GE 8000	62.6	63.7	66.0	67.1	68.6	68.9	70.1	70.4	70.4	70.9	70.9	70.9	71.8	71.8	72.2	72.8
GE 7000	63.2	64.3	66.7	67.7	69.2	69.6	70.8	71.1	71.1	71.5	71.5	71.5	72.5	72.5	72.8	73.4
GE 6000	64.0	65.1	67.4	68.5	70.0	70.3	71.5	71.8	71.8	72.3	72.3	72.3	73.2	73.2	73.5	74.2
GE 5000	65.6	66.8	69.1	70.2	71.7	72.0	73.2	73.5	73.5	74.0	74.0	74.0	74.9	74.9	75.3	75.9
GE 4500	67.2	68.4	70.8	71.8	73.3	73.7	74.8	75.2	75.2	75.6	75.6	75.6	76.6	76.6	76.9	77.5
GE 4000	68.2	69.4	71.7	72.8	74.3	74.6	75.8	76.1	76.1	76.6	76.6	76.6	77.5	77.5	77.8	78.5
GE 3500	70.2	71.4	73.9	75.2	76.7	77.0	78.3	78.6	78.6	79.0	79.0	79.0	80.0	80.0	80.3	81.0
GE 3000	71.2	72.5	74.9	76.2	77.7	78.1	79.4	79.7	79.7	80.1	80.1	80.1	81.1	81.1	81.4	82.0
GE 2500	71.7	73.0	75.7	77.0	78.5	78.8	80.1	80.4	80.4	80.9	80.9	80.9	81.8	81.8	82.2	82.8
GE 2000	73.5	74.8	77.6	78.9	80.5	80.9	82.3	82.6	82.6	83.0	83.0	83.0	84.0	84.0	84.3	84.9
GE 1800	74.4	75.8	78.6	79.9	81.5	81.8	83.2	83.5	83.5	84.0	84.0	84.0	84.9	84.9	85.3	85.9
GE 1500	75.6	77.2	80.1	81.4	83.0	83.4	84.8	85.2	85.2	85.6	85.6	85.6	86.6	86.6	86.9	87.5
GE 1200	76.5	78.2	81.1	82.5	84.1	84.5	86.0	86.3	86.3	86.8	86.8	86.8	87.7	87.7	88.1	88.7
GE 1000	77.3	79.0	82.2	83.7	85.3	85.7	87.2	87.6	87.6	88.1	88.1	88.1	89.0	89.0	89.4	90.0
GE 900	77.4	79.1	82.4	83.9	85.5	85.9	87.4	87.8	87.8	88.3	88.3	88.3	89.2	89.2	89.6	90.2
GE 800	77.6	79.5	82.9	84.5	86.3	86.8	88.4	88.8	88.8	89.2	89.2	89.2	90.2	90.2	90.5	91.2
GE 700	78.4	80.2	83.7	85.4	87.4	87.8	89.5	89.9	89.9	90.3	90.3	90.3	91.3	91.3	91.6	92.3
GE 600	78.9	80.8	84.2	86.1	88.5	88.9	90.5	91.0	91.1	91.5	91.5	91.5	92.5	92.5	92.8	93.4
GE 500	79.1	81.0	84.5	86.8	89.8	90.2	91.8	92.3	92.4	92.8	92.8	92.8	93.8	93.8	94.1	94.7
GE 400	79.4	81.2	84.7	87.1	90.6	91.1	92.8	93.3	93.4	93.9	93.9	93.9	95.3	95.3	95.6	96.2
GE 300	79.4	81.2	84.7	87.2	90.8	91.4	93.2	93.8	93.9	94.3	94.4	94.4	95.9	95.9	96.2	96.9
GE 200	79.4	81.2	84.8	87.4	91.0	91.6	93.8	94.5	94.6	95.3	95.6	95.7	97.5	97.5	97.8	98.7
GE 100	79.4	81.2	84.8	87.4	91.0	91.6	93.9	94.6	94.7	95.4	95.8	95.9	97.8	97.8	98.7	99.9
GE 000	79.4	81.2	84.8	87.4	91.0	91.6	93.9	94.6	94.7	95.4	95.8	95.9	97.8	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NAS; SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	48.9	49.2	49.5	49.9	49.9	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	59.9	60.8	61.2	61.4	61.8	61.8	62.0	62.0	62.0	62.3	62.3	62.3	62.4	62.4	62.5	62.5
GE 18000	60.4	61.3	61.8	62.0	62.5	62.5	62.7	62.7	62.7	62.9	62.9	62.9	63.0	63.0	63.1	63.1
GE 16000	61.5	62.4	62.9	63.1	63.5	63.5	63.8	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 14000	62.8	63.7	64.2	64.4	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.5	65.5
GE 12000	64.8	65.7	66.3	66.6	67.0	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.6	67.6
GE 10000	66.9	68.0	68.7	68.9	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.0	70.0
GE 9000	67.6	68.7	69.5	69.7	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.9	70.9
GE 8000	70.1	71.2	71.9	72.2	72.8	72.8	73.1	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.5
GE 7000	71.1	72.2	72.9	73.1	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.5	74.5
GE 6000	71.8	72.9	73.7	73.9	74.6	74.6	74.9	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.4	75.4
GE 5000	74.2	75.6	76.6	76.8	77.5	77.5	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.3	78.3
GE 4500	75.8	77.3	78.3	78.6	79.4	79.4	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.1	80.1
GE 4000	76.8	78.3	79.4	79.7	80.4	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2
GE 3500	77.6	79.4	81.0	81.3	82.0	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	82.8
GE 3000	78.2	80.0	81.6	81.9	82.8	82.8	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.5	83.5
GE 2500	79.1	81.0	82.6	83.0	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 2000	81.5	83.4	85.2	85.8	87.0	87.0	87.5	87.5	87.5	87.7	87.7	87.7	87.8	87.8	88.0	88.0
GE 1800	82.3	84.3	86.0	86.7	88.0	88.0	88.5	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.9	88.9
GE 1500	83.0	85.2	86.9	87.5	88.9	88.9	89.6	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.1	90.1
GE 1200	84.6	86.8	88.6	89.2	90.6	90.6	91.3	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8
GE 1000	84.8	87.0	88.8	89.5	90.9	90.9	91.6	91.6	91.6	91.9	91.9	91.9	92.0	92.0	92.2	92.2
GE 900	84.8	87.0	88.9	89.6	91.0	91.0	91.7	91.7	91.7	92.0	92.0	92.0	92.2	92.2	92.3	92.3
GE 800	84.9	87.2	89.1	89.9	91.3	91.3	92.0	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.6	92.6
GE 700	85.2	87.4	89.4	90.4	91.9	92.0	92.8	92.8	92.8	93.2	93.2	93.2	93.3	93.3	93.4	93.4
GE 600	85.6	88.2	90.3	91.9	93.5	93.7	94.6	94.6	94.7	95.3	95.3	95.3	95.4	95.4	95.5	95.5
GE 500	85.6	88.3	90.9	92.5	94.1	94.3	95.4	95.4	95.5	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 400	85.6	88.3	90.9	92.7	94.5	94.7	96.2	96.6	96.7	97.4	97.4	97.4	97.6	97.6	97.7	97.7
GE 300	85.9	88.7	91.3	93.1	94.9	95.3	96.9	97.2	97.3	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE 200	85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	99.6	99.6
GE 100	85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	100.0	100.0
GE 000	85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, AHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	64.8	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	65.2	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	65.9	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	66.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	69.9	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	74.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	75.7	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	76.2	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	76.9	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	77.6	78.5	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	80.3	81.2	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	81.0	81.9	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	82.8	83.9	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	83.9	85.1	85.5	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	86.1	87.4	88.1	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	88.9	90.5	91.2	91.8	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	89.1	90.8	91.4	92.0	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	89.4	91.0	91.6	92.4	93.0	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	89.8	91.4	92.0	92.9	93.5	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	89.9	91.6	92.4	93.2	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	90.0	91.8	92.6	93.4	94.1	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	90.2	92.0	92.8	94.0	94.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	90.6	92.6	93.4	94.7	95.6	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	90.9	92.9	93.9	95.3	96.8	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	91.1	93.1	94.2	95.8	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 20000	64.1	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	66.0	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	67.8	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	71.0	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	72.5	73.0	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	75.4	75.9	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	75.7	76.3	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	76.7	77.3	77.5	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	77.8	78.5	78.8	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	79.9	80.5	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	81.5	82.2	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	84.3	85.1	85.4	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	85.5	86.2	86.9	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	87.2	88.1	88.8	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	88.8	89.7	90.4	91.2	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	89.2	90.1	91.0	91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	89.6	90.4	91.4	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	89.8	90.8	91.8	93.2	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	89.9	90.9	91.9	93.3	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	89.9	91.1	92.2	93.5	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	90.0	91.4	92.7	94.2	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	90.2	91.7	93.0	94.6	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	90.4	92.2	93.5	95.3	96.8	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	90.5	92.3	93.7	95.6	97.4	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	90.9	92.6	94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	90.9	92.6	94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	90.9	92.6	94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	90.9	92.6	94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	90.9	92.6	94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: KASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	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
GE 20000	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	77.4	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	77.8	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	78.6	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	79.8	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	83.0	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	84.7	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	86.3	87.0	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	87.4	88.1	88.5	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	87.8	88.6	89.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	89.5	90.4	91.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	90.0	91.0	91.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	90.5	91.7	92.5	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	90.8	91.9	92.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	90.9	92.0	92.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	91.0	92.3	93.0	94.5	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	91.1	92.4	93.1	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	91.2	92.5	93.2	94.7	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	91.5	92.9	93.9	95.4	95.8	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	91.9	93.4	94.5	96.3	96.9	97.2	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
GE 100	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	58.2	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	66.6	66.8	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	67.4	67.8	68.6	69.0	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	70.6	71.2	71.9	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	71.4	71.9	72.7	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	75.1	75.6	76.3	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	75.5	76.0	76.8	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	75.9	76.5	77.2	77.6	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	78.7	79.2	80.1	80.5	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	82.4	82.9	83.9	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	84.2	84.7	85.8	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	86.2	86.8	88.0	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	87.6	88.2	89.4	90.1	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	88.6	89.4	90.5	91.3	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	89.8	90.6	91.9	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	89.9	90.8	92.0	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	90.3	91.2	92.5	93.5	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	90.9	91.7	93.1	94.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	90.9	91.7	93.1	94.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	91.1	91.9	93.3	94.4	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	91.1	91.9	93.4	94.5	94.9	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	91.2	92.0	93.7	94.7	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	91.6	92.7	94.5	96.0	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	91.9	93.0	94.8	96.3	97.4	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9
GE 100	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	51.4	52.0	52.3	52.6	52.6	52.9	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.4	53.5
GE 20000	62.8	63.3	64.2	64.6	65.0	65.0	65.3	65.4	65.4	65.6	65.6	65.6	65.8	65.8	65.9	66.0
GE 18000	63.0	63.5	64.4	64.8	65.2	65.2	65.5	65.6	65.6	65.8	65.8	65.8	66.0	66.0	66.1	66.2
GE 16000	63.3	63.9	64.8	65.2	65.5	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.4	66.6
GE 14000	63.9	64.4	65.3	65.8	66.1	66.2	66.5	66.5	66.5	66.7	66.7	66.7	66.9	66.9	67.0	67.2
GE 12000	65.3	65.9	66.8	67.3	67.7	67.7	68.0	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.6	68.7
GE 10000	68.7	69.4	70.4	70.9	71.2	71.3	71.6	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.1	72.3
GE 9000	69.7	70.4	71.4	71.9	72.3	72.4	72.7	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.2	73.4
GE 8000	72.0	72.7	73.8	74.3	74.8	74.8	75.2	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.9
GE 7000	72.4	73.2	74.2	74.7	75.3	75.3	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.2	76.4
GE 6000	73.1	73.8	74.9	75.4	75.9	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.8	76.8	76.9	77.0
GE 5000	74.8	75.6	76.7	77.2	77.8	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.6	78.6	78.7	78.9
GE 4500	77.2	78.1	79.2	79.8	80.4	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.2	81.2	81.3	81.5
GE 4000	78.5	79.4	80.6	81.2	81.8	81.8	82.2	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.7	82.9
GE 3500	80.5	81.5	82.9	83.6	84.2	84.3	84.7	84.7	84.7	84.9	84.9	84.9	85.1	85.1	85.2	85.4
GE 3000	81.7	82.7	84.1	84.9	85.6	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.6	86.7
GE 2500	82.8	83.9	85.4	86.2	87.0	87.1	87.4	87.5	87.5	87.7	87.7	87.7	87.9	87.9	88.0	88.2
GE 2000	84.6	85.9	87.5	88.5	89.3	89.4	89.9	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.5	90.6
GE 1800	85.0	86.3	88.0	88.9	89.8	89.9	90.4	90.5	90.5	90.7	90.7	90.7	90.9	90.9	91.0	91.1
GE 1500	85.5	87.0	88.8	89.9	90.8	90.9	91.4	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.0	92.2
GE 1200	86.3	87.7	89.6	90.8	91.7	91.8	92.3	92.4	92.4	92.6	92.6	92.6	92.8	92.8	92.9	93.1
GE 1000	86.5	87.9	89.9	91.1	92.0	92.1	92.6	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.3	93.4
GE 900	86.6	88.1	90.1	91.3	92.2	92.3	92.9	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.5	93.7
GE 800	86.8	88.3	90.4	91.7	92.7	92.8	93.4	93.5	93.5	93.7	93.7	93.7	93.9	93.9	94.0	94.2
GE 700	87.0	88.6	90.7	92.1	93.3	93.4	94.0	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.7	94.8
GE 600	87.4	89.1	91.3	92.9	94.3	94.5	95.2	95.3	95.4	95.6	95.6	95.6	95.8	95.8	95.9	96.1
GE 500	87.6	89.4	91.7	93.5	95.2	95.4	96.1	96.4	96.5	96.7	96.7	96.7	96.9	96.9	97.0	97.2
GE 400	87.7	89.5	91.9	93.7	95.7	96.0	97.2	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.3	98.4
GE 300	87.8	89.6	92.0	93.8	95.8	96.2	97.4	97.8	97.8	98.3	98.3	98.3	98.6	98.6	98.7	98.9
GE 200	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.0	98.6	98.7	98.7	99.2	99.3	99.4	99.6
GE 100	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.1	98.7	98.7	98.8	99.4	99.4	99.7	100.0
GE 000	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.1	98.7	98.7	98.8	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.6	58.1	58.9	60.0	60.9	61.0	61.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.2
GE 20000	64.3	64.8	65.8	67.1	68.1	68.2	68.8	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.6
GE 18000	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 16000	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 14000	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 12000	65.3	65.7	66.8	68.1	69.0	69.1	69.7	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.6
GE 10000	68.4	68.9	70.1	71.4	72.3	72.4	73.0	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.9
GE 9000	69.5	70.0	71.7	73.0	74.0	74.1	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.5
GE 8000	72.6	73.0	74.8	76.1	77.0	77.1	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.6
GE 7000	74.8	75.3	77.1	78.4	79.4	79.5	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.9
GE 6000	75.3	75.7	77.6	78.9	79.9	80.0	80.6	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.4
GE 5000	76.0	76.6	78.4	79.7	80.7	80.8	81.4	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.2
GE 4500	77.9	78.4	80.3	81.6	82.6	82.7	83.3	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.1
GE 4000	78.4	79.0	80.9	82.2	83.2	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.7
GE 3500	80.3	81.2	83.0	84.3	85.3	85.4	86.0	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.9
GE 3000	81.9	82.7	84.6	85.9	87.2	87.3	87.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.8
GE 2500	82.6	83.4	85.3	86.6	87.9	88.0	88.6	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.4	89.5
GE 2000	85.3	86.1	88.6	90.3	91.6	91.8	92.3	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.3
GE 1800	85.4	86.2	88.7	90.5	91.8	91.9	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.4
GE 1500	86.1	86.9	89.5	91.9	93.2	93.3	93.9	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.8
GE 1200	86.8	87.6	90.2	92.6	93.9	94.0	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.5
GE 1000	86.8	87.6	90.2	92.6	93.9	94.0	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.6
GE 900	86.8	87.8	90.5	92.8	94.1	94.2	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.9
GE 800	86.9	88.1	90.8	93.2	94.5	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.2
GE 700	87.3	88.5	91.3	93.6	94.9	95.1	95.8	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE 600	87.9	89.0	91.9	94.2	95.5	95.6	96.3	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.3
GE 500	87.9	89.0	92.1	94.7	96.0	96.1	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.8
GE 400	87.9	89.0	92.1	94.7	96.0	96.1	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.8	97.9
GE 300	88.0	89.3	92.3	94.9	96.3	96.5	97.8	98.2	98.2	98.5	98.5	98.5	98.8	98.8	98.9	99.1
GE 200	88.1	89.4	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	98.8	99.3	99.5	99.6
GE 100	88.1	89.4	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	99.3	99.3	99.5	100.0
GE 000	88.1	89.4	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	51.5	53.5	55.0	56.2	56.4	57.4	57.6	57.6	58.2	58.4	58.4	58.5	58.5	58.5	58.8
GE 20000	61.1	61.2	63.6	65.3	66.7	67.0	68.1	68.3	68.3	69.0	69.3	69.3	69.4	69.4	69.4	69.6
GE 18000	61.2	61.4	63.7	65.4	66.8	67.1	68.2	68.4	68.4	69.1	69.4	69.4	69.5	69.5	69.5	69.7
GE 16000	61.2	61.4	63.7	65.4	66.8	67.1	68.2	68.4	68.4	69.1	69.4	69.4	69.5	69.5	69.5	69.7
GE 14000	61.8	62.0	64.3	66.0	67.4	67.7	68.8	69.0	69.0	69.7	70.0	70.0	70.1	70.1	70.1	70.3
GE 12000	62.4	62.5	64.9	66.5	68.0	68.3	69.4	69.6	69.6	70.3	70.6	70.6	70.7	70.7	70.7	70.9
GE 10000	64.3	64.4	66.9	68.6	70.0	70.3	71.4	71.6	71.6	72.3	72.6	72.6	72.7	72.7	72.7	72.9
GE 9000	66.0	66.1	68.9	70.6	72.0	72.3	73.4	73.6	73.6	74.3	74.6	74.6	74.7	74.7	74.7	74.9
GE 8000	68.8	69.1	72.0	73.7	75.1	75.5	76.6	76.8	76.8	77.5	77.7	77.7	77.9	77.9	77.9	78.1
GE 7000	70.3	70.8	73.9	75.7	77.1	77.5	78.6	78.8	78.8	79.5	79.7	79.7	79.9	79.9	79.9	80.1
GE 6000	70.7	71.1	74.2	76.1	77.5	77.9	78.9	79.2	79.2	79.9	80.1	80.1	80.2	80.2	80.2	80.4
GE 5000	72.4	72.9	76.0	77.9	79.3	79.6	80.7	80.9	80.9	81.6	81.9	81.9	82.0	82.0	82.0	82.2
GE 4500	74.3	74.8	77.9	79.7	81.2	81.5	82.6	82.8	82.8	83.5	83.7	83.7	83.9	83.9	83.9	84.1
GE 4000	75.0	75.5	78.7	80.6	82.0	82.3	83.5	83.7	83.7	84.5	84.7	84.7	84.8	84.8	84.8	85.0
GE 3500	77.4	77.9	81.0	82.9	84.3	84.7	85.9	86.1	86.1	86.8	87.0	87.0	87.2	87.2	87.2	87.4
GE 3000	79.9	80.3	83.5	85.4	87.2	87.5	88.7	88.9	88.9	89.6	89.9	89.9	90.0	90.0	90.0	90.2
GE 2500	80.4	80.9	84.1	86.0	87.8	88.1	89.3	89.5	89.5	90.2	90.5	90.5	90.6	90.6	90.6	90.8
GE 2000	81.4	81.9	85.6	87.6	89.4	89.8	90.9	91.2	91.2	91.9	92.1	92.1	92.2	92.2	92.2	92.5
GE 1800	81.5	82.0	86.2	88.2	90.0	90.3	91.5	91.8	91.8	92.5	92.7	92.7	92.8	92.8	92.8	93.1
GE 1500	82.2	82.8	87.0	89.2	90.9	91.3	92.5	92.7	92.7	93.4	93.6	93.6	93.8	93.8	93.8	94.0
GE 1200	82.7	83.4	87.6	89.8	91.5	91.9	93.1	93.3	93.3	94.0	94.2	94.2	94.3	94.3	94.3	94.6
GE 1000	82.7	83.5	87.8	89.9	91.6	92.0	93.2	93.4	93.4	94.1	94.3	94.3	94.5	94.5	94.5	94.7
GE 900	83.2	84.0	88.2	90.3	92.1	92.5	93.6	93.9	93.9	94.7	94.9	94.9	95.1	95.1	95.1	95.3
GE 800	83.7	84.8	89.0	91.2	92.9	93.3	94.5	94.7	94.7	95.5	95.8	95.8	95.9	95.9	95.9	96.1
GE 700	84.0	85.2	89.4	91.6	93.4	93.8	95.2	95.4	95.4	96.3	96.6	96.6	96.7	96.7	96.7	96.9
GE 600	84.5	85.6	89.9	92.2	94.0	94.3	95.8	96.0	96.0	96.9	97.2	97.2	97.3	97.3	97.3	97.5
GE 500	84.6	85.7	90.0	92.3	94.2	94.6	96.0	96.2	96.2	97.2	97.4	97.4	97.5	97.5	97.5	97.8
GE 400	84.9	86.1	90.3	92.7	94.6	94.9	96.3	96.6	96.6	97.5	97.8	97.8	97.9	97.9	97.9	98.1
GE 300	85.0	86.2	90.5	92.8	94.8	95.2	97.3	97.5	97.5	98.5	98.7	98.7	98.8	98.8	98.8	99.1
GE 200	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.7	98.9	98.9	99.1	99.1	99.3	99.5
GE 100	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.8	99.1	99.1	99.2	99.2	99.4	99.8
GE 000	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.8	99.1	99.1	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	42.2	44.5	45.3	47.1	47.1	47.9	48.2	48.2	48.9	49.2	49.2	50.1	50.1	50.4	50.4
GE 20000	51.1	51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
GE 18000	51.1	51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
GE 16000	51.1	51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
GE 14000	51.7	52.3	55.1	56.2	58.0	58.1	58.9	59.1	59.1	60.0	60.3	60.3	61.1	61.1	61.5	61.5
GE 12000	53.1	53.7	56.7	57.7	59.6	59.7	60.5	60.8	60.8	61.6	62.0	62.0	62.8	62.8	63.1	63.1
GE 10000	56.2	56.8	60.0	61.1	63.0	63.1	64.0	64.2	64.2	65.0	65.4	65.4	66.2	66.2	66.5	66.5
GE 9000	58.1	58.7	62.1	63.3	65.1	65.3	66.1	66.3	66.3	67.1	67.5	67.5	68.3	68.3	68.7	68.7
GE 8000	59.4	60.2	63.6	64.8	66.7	66.8	67.6	67.8	67.8	68.7	69.0	69.0	69.8	69.8	70.2	70.2
GE 7000	60.4	61.4	65.1	66.3	68.2	68.3	69.1	69.4	69.4	70.2	70.6	70.6	71.4	71.4	71.7	71.7
GE 6000	61.1	62.1	65.8	67.0	68.9	69.0	69.8	70.2	70.2	71.0	71.4	71.4	72.3	72.3	72.7	72.7
GE 5000	63.6	64.5	68.4	69.6	71.5	71.6	72.4	72.8	72.8	73.6	74.0	74.0	74.9	74.9	75.3	75.3
GE 4500	65.4	66.3	70.2	71.4	73.3	73.4	74.2	74.6	74.6	75.4	75.7	75.7	76.7	76.7	77.0	77.0
GE 4000	66.3	67.3	71.4	72.6	74.4	74.6	75.6	76.0	76.0	76.8	77.1	77.1	78.2	78.2	78.6	78.6
GE 3500	68.4	69.8	74.4	75.6	77.5	77.6	78.7	79.0	79.0	79.9	80.2	80.2	81.3	81.3	81.6	81.6
GE 3000	70.8	72.2	76.8	78.0	80.1	80.2	81.3	81.6	81.6	82.4	82.8	82.8	83.9	83.9	84.2	84.2
GE 2500	71.5	72.9	77.6	78.9	81.0	81.2	82.2	82.6	82.6	83.4	83.7	83.7	84.8	84.8	85.2	85.2
GE 2000	72.6	74.2	79.3	81.4	83.5	83.6	84.7	85.0	85.0	85.9	86.2	86.2	87.3	87.3	87.6	87.6
GE 1800	72.6	74.2	79.3	81.4	83.6	83.7	84.8	85.2	85.2	86.0	86.3	86.3	87.4	87.4	87.8	87.8
GE 1500	73.5	75.1	80.4	82.7	85.0	85.2	86.2	86.6	86.6	87.4	87.8	87.8	88.8	88.8	89.2	89.2
GE 1200	74.3	76.1	81.5	83.7	86.1	86.2	87.1	87.9	87.9	88.7	89.0	89.0	90.1	90.1	90.5	90.5
GE 1000	74.7	76.6	82.2	84.5	86.8	86.9	88.3	88.7	88.7	89.5	89.9	89.9	90.9	90.9	91.3	91.3
GE 900	74.7	76.6	82.2	84.6	87.2	87.3	88.7	89.0	89.0	90.0	90.3	90.3	91.4	91.4	91.8	91.8
GL 800	75.1	77.1	82.9	85.4	88.1	88.2	89.6	90.0	90.0	91.2	91.5	91.5	92.6	92.6	92.9	92.9
GE 700	75.5	77.5	83.4	86.0	88.8	88.9	90.3	90.8	90.8	92.0	92.3	92.3	93.4	93.4	93.8	93.8
GE 600	75.6	77.6	83.6	86.2	89.3	89.4	90.8	91.3	91.3	92.6	92.9	92.9	94.0	94.0	94.3	94.3
GE 500	75.9	77.9	84.0	86.6	89.8	89.9	91.3	91.8	91.8	93.2	93.5	93.5	94.7	94.7	95.1	95.1
GE 400	76.3	78.4	84.7	87.3	90.7	90.8	92.3	92.8	92.8	94.2	94.7	94.7	95.9	95.9	96.2	96.2
GE 300	76.3	78.4	84.7	87.3	90.9	91.0	93.2	93.8	93.8	95.3	95.8	95.8	97.1	97.1	97.4	97.4
GE 200	76.3	78.4	84.8	87.4	91.4	91.6	93.8	94.3	94.3	96.1	96.6	96.6	98.0	98.0	98.5	98.7
GE 100	76.3	78.4	84.8	87.4	91.4	91.6	93.8	94.3	94.3	96.1	96.7	96.7	98.6	98.6	99.2	99.8
GE 000	76.3	78.4	84.8	87.4	91.4	91.6	93.8	94.3	94.3	96.1	96.7	96.7	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	47.0	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	58.9	59.1	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	59.1	59.4	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	59.6	59.8	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	60.3	60.5	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	65.6	66.2	66.5	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	66.7	67.3	67.8	68.3	68.3	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	68.8	69.4	70.1	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	69.7	70.3	71.0	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	71.0	71.7	72.4	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	72.6	73.3	74.2	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	75.0	75.7	76.7	77.1	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	76.7	77.5	78.7	79.2	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	79.7	80.6	82.0	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	81.7	82.7	84.2	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	82.3	83.4	84.9	85.6	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	83.5	84.7	86.5	87.5	87.6	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	83.6	84.8	86.7	87.8	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	84.8	86.0	88.0	89.0	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	85.9	87.0	89.3	90.5	90.7	90.7	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	86.5	87.6	90.5	92.0	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	87.3	88.5	91.3	92.9	93.3	93.3	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	87.8	89.0	92.2	94.0	94.3	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	88.0	89.4	92.8	94.7	95.1	95.1	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	88.0	89.4	93.1	94.9	95.4	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	88.2	89.8	93.4	95.4	95.9	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	88.2	89.8	93.5	95.5	96.2	96.2	96.7	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.8	97.8	98.1	98.4	98.4	98.6	98.7	98.7	98.7
GE 200	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.4	98.6	98.6	98.9	99.2	99.3	99.6
GE 100	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.5	98.7	98.7	99.1	99.3	99.5	99.9
GE 000	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.5	98.7	98.7	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	69.6	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	70.8	70.9	70.9	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	73.4	73.5	73.5	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	74.3	74.4	74.4	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	75.9	76.0	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	78.3	78.6	79.0	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	80.6	80.8	81.3	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	83.2	83.4	83.9	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	86.0	86.5	87.3	88.1	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	88.1	88.6	89.5	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	89.4	90.0	90.9	91.8	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	90.9	91.5	92.6	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	91.6	92.2	93.3	94.2	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	92.6	93.2	94.2	95.2	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	93.3	93.9	95.1	96.0	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	93.5	94.1	95.3	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	94.0	94.6	96.0	96.9	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	94.1	94.7	96.5	97.5	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	94.6	95.4	97.2	98.2	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	94.9	95.9	97.6	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	94.9	95.9	97.6	98.8	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	95.9	97.6	98.8	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	95.9	97.6	98.8	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	62.4	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	75.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	75.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	76.9	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	80.8	80.8	81.6	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	83.4	83.4	84.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	85.0	85.0	85.9	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	87.0	87.0	87.9	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	89.0	89.2	90.0	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	90.6	90.9	92.0	93.5	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	91.9	92.3	93.5	95.1	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	92.8	93.3	94.5	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	93.2	93.6	94.9	96.5	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	93.5	94.0	95.3	96.8	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	94.0	94.5	95.8	97.3	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.5	94.9	96.3	98.0	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.5	94.9	96.3	98.0	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.5	94.9	96.3	98.1	98.6	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	94.6	95.1	96.7	98.8	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.4	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
GE 20000	65.0	66.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
GE 18000	65.1	66.1	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
GE 16000	65.3	66.2	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0
GE 14000	67.0	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8
GE 12000	67.6	68.6	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
GE 10000	70.7	71.6	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4
GE 9000	72.6	73.9	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
GE 8000	75.0	76.3	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4
GE 7000	75.7	77.0	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2
GE 6000	75.9	77.1	78.3	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
GE 5000	77.9	79.2	80.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9
GE 4500	80.6	81.9	83.4	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
GE 4000	81.1	83.2	84.7	85.9	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
GE 3500	83.2	84.5	86.0	87.3	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
GE 3000	85.6	87.2	88.8	90.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2
GE 2500	86.7	88.3	90.1	91.9	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
GE 2000	88.5	90.6	92.3	94.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
GE 1800	88.5	90.6	92.3	94.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
GE 1500	88.5	90.6	92.3	94.5	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
GE 1200	89.0	91.3	93.2	95.5	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5
GE 1000	89.2	91.5	93.5	95.9	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
GE 900	89.2	91.6	93.6	96.0	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
GE 800	89.4	91.9	93.9	96.3	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
GE 700	89.4	92.0	94.1	96.8	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
GE 600	89.4	92.0	94.5	97.6	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 500	89.6	92.2	94.8	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 400	89.9	92.5	95.1	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 300	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	57.2	57.8	58.1	58.3	58.3	58.5	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	59.0
GE 20000	67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE 18000	67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE 16000	67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE 14000	67.6	68.3	69.4	69.7	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.7
GE 12000	67.8	68.8	69.8	70.2	70.4	70.4	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.1
GE 10000	71.3	72.4	73.5	73.9	74.1	74.1	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.8
GE 9000	72.0	73.5	75.5	75.9	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.8
GE 8000	75.3	76.8	78.8	79.2	79.4	79.4	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	80.1
GE 7000	76.6	78.1	80.1	80.4	80.7	80.7	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.4
GE 6000	76.9	78.6	80.7	81.0	81.3	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	82.0
GE 5000	78.2	79.9	82.0	82.6	82.8	82.8	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.5
GE 4500	80.2	82.1	84.3	85.0	85.3	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	86.0
GE 4000	81.5	83.4	85.7	86.5	86.7	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE 3500	83.9	86.0	88.7	89.5	89.8	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.5
GE 3000	85.5	87.8	90.6	91.6	92.0	92.0	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.7
GE 2500	86.1	88.3	91.2	92.2	92.7	92.7	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.4
GE 2000	87.3	89.5	92.6	93.6	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9
GE 1800	87.4	89.6	92.7	93.8	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.1
GE 1500	87.6	89.9	92.9	94.3	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 1200	88.1	90.3	93.4	94.8	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.1
GE 1000	88.2	90.5	93.5	94.9	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.2
GE 900	88.2	90.8	93.9	95.3	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 800	88.3	91.0	94.1	95.5	96.1	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.8
GE 700	88.7	91.4	94.5	95.9	96.5	96.5	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 600	88.9	91.8	94.9	96.3	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
GE 500	89.2	92.0	95.6	97.1	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.4
GE 400	89.2	92.0	95.6	97.1	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.4
GE 300	89.6	92.5	96.1	97.5	98.2	98.2	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 100	89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 000	89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	49.6	50.4	50.9	51.4	51.5	51.8	51.9	51.9	52.1	52.2	52.2	52.3	52.3	52.4	52.4
GE 20000	61.4	61.8	62.8	63.4	63.9	64.0	64.3	64.5	64.5	64.7	64.8	64.8	64.9	64.9	65.0	65.0
GE 18000	61.5	61.8	62.8	63.4	64.0	64.1	64.4	64.5	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.1
GE 16000	61.7	62.0	63.0	63.6	64.2	64.3	64.6	64.7	64.7	65.0	65.0	65.0	65.2	65.2	65.2	65.3
GE 14000	62.4	62.8	63.8	64.4	64.9	65.0	65.3	65.5	65.5	65.7	65.8	65.8	65.9	65.9	66.0	66.1
GE 12000	63.6	64.1	65.1	65.7	66.3	66.3	66.7	66.8	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.4
GE 10000	66.9	67.4	68.5	69.2	69.7	69.8	70.2	70.3	70.3	70.6	70.6	70.6	70.8	70.8	70.8	70.9
GE 9000	68.5	69.1	70.5	71.3	71.9	72.0	72.3	72.4	72.4	72.7	72.8	72.8	72.9	72.9	73.0	73.0
GE 8000	71.1	71.8	73.3	74.1	74.7	74.7	75.1	75.2	75.2	75.5	75.5	75.5	75.7	75.7	75.7	75.8
GE 7000	72.2	72.9	74.5	75.3	75.9	76.0	76.3	76.4	76.4	76.7	76.8	76.8	76.9	76.9	77.0	77.0
GE 6000	73.0	73.7	75.3	76.1	76.7	76.8	77.1	77.3	77.3	77.5	77.6	77.6	77.8	77.8	77.8	77.9
GE 5000	75.0	75.7	77.5	78.5	79.0	79.1	79.5	79.6	79.6	79.9	80.0	80.0	80.1	80.1	80.2	80.2
GE 4500	77.2	77.9	79.8	80.8	81.4	81.5	81.9	82.1	82.1	82.3	82.4	82.4	82.5	82.5	82.6	82.7
GE 4000	78.5	79.3	81.2	82.3	82.9	83.0	83.5	83.6	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.2
GE 3500	80.7	81.7	83.8	84.9	85.6	85.6	86.1	86.3	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.9
GE 3000	82.8	83.8	86.0	87.2	88.0	88.0	88.5	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.3	89.3
GE 2500	83.7	84.8	87.0	88.3	89.1	89.2	89.7	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.5
GE 2000	85.2	86.4	88.9	90.4	91.3	91.3	91.9	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.6	92.7
GE 1800	85.4	86.6	89.2	90.8	91.7	91.7	92.3	92.4	92.4	92.7	92.8	92.8	92.9	92.9	93.0	93.1
GE 1500	86.1	87.3	89.9	91.7	92.6	92.6	93.2	93.4	93.4	93.6	93.7	93.7	93.9	93.9	93.9	94.0
GE 1200	86.7	88.0	90.7	92.5	93.4	93.5	94.0	94.2	94.2	94.5	94.6	94.6	94.7	94.7	94.8	94.8
GE 1000	86.9	88.2	91.1	92.9	93.8	93.9	94.5	94.7	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.3
GE 900	87.2	88.6	91.5	93.4	94.3	94.4	95.0	95.2	95.2	95.5	95.6	95.6	95.7	95.7	95.8	95.9
GE 800	87.5	89.0	92.0	93.9	94.9	94.9	95.6	95.8	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.5
GE 700	87.7	89.3	92.4	94.4	95.4	95.5	96.1	96.3	96.3	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE 600	88.0	89.5	92.8	94.9	96.0	96.0	96.7	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.6
GE 500	88.1	89.7	93.1	95.2	96.4	96.4	97.1	97.3	97.3	97.7	97.7	97.7	97.9	97.9	98.0	98.1
GE 400	88.3	89.9	93.2	95.4	96.7	96.7	97.4	97.6	97.6	98.0	98.1	98.1	98.3	98.3	98.4	98.4
GE 300	88.4	90.0	93.3	95.6	96.9	97.0	98.0	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.1	99.2
GE 200	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.5	99.6
GE 100	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.1	99.1	99.4	99.5	99.6	99.9
GE 000	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.1	99.1	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	61.6	62.2	62.7	63.4	63.4	63.9	63.9	63.9	64.0	64.2	64.2	64.4	64.5	64.5	64.5
GE 20000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE 18000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE 16000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE 14000	70.9	71.1	71.6	72.2	72.9	72.9	73.4	73.4	73.4	73.5	73.8	73.8	74.0	74.1	74.1	74.1
GE 12000	71.9	72.2	72.7	73.2	74.0	74.0	74.5	74.5	74.5	74.6	74.8	74.8	75.1	75.2	75.2	75.2
GE 10000	74.9	75.2	75.7	76.2	77.0	77.0	77.6	77.6	77.6	77.7	78.0	78.0	78.2	78.3	78.3	78.3
GE 9000	76.9	77.1	77.6	78.2	78.9	78.9	79.6	79.6	79.6	79.7	79.9	79.9	80.1	80.2	80.2	80.2
GE 8000	79.8	80.0	80.9	81.4	82.2	82.2	82.8	82.8	82.8	82.9	83.1	83.1	83.3	83.4	83.4	83.4
GE 7000	79.9	80.1	81.0	81.5	82.3	82.3	82.9	82.9	82.9	83.0	83.2	83.2	83.4	83.5	83.5	83.5
GE 6000	80.4	80.6	81.5	82.0	82.8	82.8	83.4	83.4	83.4	83.5	83.8	83.8	84.0	84.1	84.1	84.1
GE 5000	82.2	82.4	83.2	84.0	84.7	84.7	85.4	85.4	85.4	85.5	85.7	85.7	85.9	86.0	86.0	86.0
GE 4500	84.0	84.2	85.1	85.8	86.6	86.6	87.2	87.2	87.2	87.3	87.5	87.5	87.7	87.8	87.8	87.8
GE 4000	85.5	85.7	86.6	87.5	88.3	88.3	88.9	88.9	88.9	89.0	89.2	89.2	89.5	89.6	89.6	89.6
GE 3500	87.1	87.5	88.4	89.4	90.1	90.1	90.8	90.8	90.8	90.9	91.1	91.1	91.3	91.4	91.4	91.4
GE 3000	89.0	89.6	90.5	91.5	92.3	92.3	92.9	92.9	92.9	93.0	93.2	93.2	93.4	93.5	93.5	93.5
GE 2500	90.0	90.8	91.7	92.7	93.4	93.4	94.1	94.1	94.1	94.2	94.4	94.4	94.6	94.7	94.7	94.7
GE 2000	91.0	91.8	92.8	93.9	94.6	94.6	95.3	95.3	95.3	95.4	95.6	95.6	95.8	95.9	95.9	95.9
GE 1800	91.2	92.0	93.1	94.2	94.9	94.9	95.6	95.6	95.6	95.7	95.9	95.9	96.1	96.2	96.2	96.2
GE 1500	92.3	93.1	94.2	95.3	96.0	96.0	96.7	96.7	96.7	96.8	97.0	97.0	97.2	97.3	97.3	97.3
GE 1200	92.7	93.5	94.6	95.7	96.5	96.5	97.1	97.1	97.1	97.2	97.4	97.4	97.6	97.7	97.7	97.7
GE 1000	92.7	93.5	94.6	95.7	96.5	96.5	97.1	97.1	97.1	97.2	97.4	97.4	97.6	97.7	97.7	97.7
GE 900	92.8	93.9	95.1	96.1	96.9	96.9	97.5	97.5	97.5	97.6	97.8	97.8	98.1	98.2	98.2	98.2
GE 800	92.8	94.1	95.5	96.7	97.4	97.4	98.1	98.1	98.1	98.2	98.4	98.4	98.6	98.7	98.7	98.7
GE 700	93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE 600	93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE 500	93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE 400	93.0	94.5	96.1	97.5	98.5	98.5	99.1	99.1	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.8
GE 300	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE 200	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE 100	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0
GE 000	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	59.4	60.2	60.8	61.9	62.3	63.0	63.2	63.2	63.4	63.4	63.4	63.9	63.9	64.0	64.3
GE 20000	69.7	70.0	70.9	71.5	72.9	73.2	74.1	74.3	74.3	74.5	74.5	74.5	74.9	74.9	75.1	75.4
GE 18000	69.7	70.0	70.9	71.5	72.9	73.2	74.1	74.3	74.3	74.5	74.5	74.5	74.9	74.9	75.1	75.4
GE 16000	69.8	70.1	71.0	71.6	73.0	73.3	74.2	74.4	74.4	74.6	74.6	74.6	75.1	75.1	75.2	75.5
GE 14000	70.1	70.4	71.3	71.9	73.3	73.7	74.5	74.7	74.7	74.9	74.9	74.9	75.4	75.4	75.5	75.8
GE 12000	71.1	71.4	72.3	72.9	74.3	74.6	75.5	75.7	75.7	75.9	75.9	75.9	76.3	76.3	76.5	76.8
GE 10000	74.1	74.5	75.4	76.1	77.5	77.8	78.7	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.7	80.0
GE 9000	75.7	76.2	77.1	77.8	79.2	79.6	80.4	80.6	80.6	80.9	80.9	80.9	81.3	81.3	81.4	81.7
GE 8000	77.2	77.7	78.7	79.5	80.9	81.2	82.0	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.0	83.3
GE 7000	77.6	78.2	79.1	79.9	81.3	81.6	82.5	82.7	82.7	82.9	82.9	82.9	83.3	83.3	83.4	83.8
GE 6000	78.3	78.8	79.8	80.5	81.9	82.3	83.1	83.3	83.3	83.5	83.5	83.5	84.0	84.0	84.1	84.4
GE 5000	79.1	79.7	80.6	81.7	83.1	83.4	84.3	84.5	84.5	84.7	84.7	84.7	85.2	85.2	85.3	85.6
GE 4500	81.0	81.6	82.7	83.8	85.2	85.5	86.3	86.6	86.6	86.8	86.8	86.8	87.2	87.2	87.3	87.6
GE 4000	81.7	82.4	83.4	84.5	85.9	86.2	87.1	87.3	87.3	87.5	87.5	87.5	88.0	88.0	88.1	88.4
GE 3500	83.7	84.3	85.7	86.8	88.2	88.5	89.4	89.6	89.6	89.8	89.8	89.8	90.2	90.2	90.3	90.6
GE 3000	85.5	86.1	87.6	88.7	90.1	90.4	91.3	91.5	91.5	91.7	91.7	91.7	92.2	92.2	92.3	92.6
GE 2500	87.0	88.0	89.7	90.8	92.2	92.5	93.3	93.5	93.5	93.8	93.8	93.8	94.2	94.2	94.3	94.6
GE 2000	88.8	90.0	91.9	93.0	94.4	94.7	95.6	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.6	96.9
GE 1800	88.8	90.0	91.9	93.0	94.4	94.7	95.6	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.6	96.9
GE 1500	88.9	90.1	92.3	93.3	94.7	95.1	95.9	96.1	96.1	96.3	96.3	96.3	96.8	96.8	96.9	97.2
GE 1200	89.4	90.5	92.7	93.8	95.2	95.5	96.3	96.6	96.6	96.8	96.8	96.8	97.2	97.2	97.3	97.6
GE 1000	89.4	90.5	92.7	93.8	95.2	95.5	96.3	96.6	96.6	96.8	96.8	96.8	97.2	97.2	97.3	97.6
GE 900	89.5	90.6	93.1	94.2	95.6	95.9	96.8	97.0	97.0	97.2	97.2	97.2	97.6	97.6	97.7	98.1
GE 800	89.9	91.1	93.5	94.6	96.0	96.3	97.2	97.4	97.4	97.6	97.6	97.6	98.1	98.1	98.2	98.5
GE 700	90.0	91.3	93.8	94.8	96.2	96.6	97.4	97.6	97.6	97.8	97.8	97.8	98.3	98.3	98.4	98.7
GE 600	90.1	91.5	94.0	95.2	96.6	96.9	97.7	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.7	99.0
GE 500	90.1	91.5	94.1	95.4	96.8	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.9	99.2
GE 400	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.4	99.7
GE 300	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.4	99.7
GE 200	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.4	99.4	99.6	99.9
GE 100	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.7	100.0
GE 000	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	45.5	47.2	48.2	48.9	49.1	50.3	50.4	50.4	51.1	51.2	51.2	52.3	52.3	52.5	52.6
GE 20000	57.1	58.5	60.3	61.6	62.5	62.8	64.2	64.3	64.3	64.9	65.1	65.1	66.1	66.1	66.3	66.5
GE 18000	57.3	58.7	60.5	61.8	62.7	63.0	64.4	64.5	64.5	65.2	65.3	65.3	66.3	66.3	66.6	66.7
GE 16000	57.5	58.9	60.8	62.0	62.9	63.2	64.6	64.7	64.7	65.4	65.5	65.5	66.6	66.6	66.8	66.9
GE 14000	58.3	59.8	61.6	62.9	63.8	64.1	65.5	65.6	65.6	66.2	66.3	66.3	67.4	67.4	67.6	67.7
GE 12000	60.2	61.7	63.7	64.9	65.8	66.1	67.5	67.6	67.6	68.3	68.4	68.4	69.5	69.5	69.7	69.8
GE 10000	62.6	64.1	66.0	67.4	68.3	68.6	70.0	70.1	70.1	70.8	70.9	70.9	71.9	71.9	72.2	72.3
GE 9000	64.3	65.8	67.8	69.2	70.1	70.4	71.8	71.9	71.9	72.6	72.7	72.7	73.8	73.8	74.0	74.1
GE 8000	66.2	67.8	70.2	71.9	72.8	73.1	74.5	74.6	74.6	75.3	75.4	75.4	76.5	76.5	76.7	76.8
GE 7000	67.0	68.6	71.1	72.8	73.7	74.0	75.4	75.5	75.5	76.1	76.2	76.2	77.3	77.3	77.5	77.6
GE 6000	67.4	69.0	71.6	73.3	74.3	74.6	76.0	76.1	76.1	76.8	76.9	76.9	78.0	78.0	78.2	78.3
GE 5000	69.0	70.8	73.3	75.3	76.2	76.6	78.0	78.1	78.1	78.7	78.8	78.8	79.9	79.9	80.1	80.2
GE 4500	70.9	72.6	75.2	77.1	78.1	78.4	79.9	80.0	80.0	80.6	80.8	80.8	81.8	81.8	82.0	82.2
GE 4000	71.7	73.4	76.0	78.0	79.0	79.4	80.9	81.0	81.0	81.6	81.7	81.7	82.8	82.8	83.0	83.1
GE 3500	73.8	75.5	78.2	80.1	81.2	81.5	83.0	83.1	83.1	83.8	83.9	83.9	84.9	84.9	85.2	85.3
GE 3000	76.6	78.3	81.0	82.9	84.0	84.3	85.8	85.9	85.9	86.6	86.7	86.7	87.7	87.7	88.0	88.1
GE 2500	78.6	80.4	83.2	85.2	86.2	86.6	88.1	88.2	88.2	88.8	88.9	88.9	90.0	90.0	90.2	90.3
GE 2000	80.3	82.2	85.3	87.4	88.6	88.9	90.4	90.5	90.5	91.2	91.3	91.3	92.4	92.4	92.6	92.7
GE 1800	80.6	82.5	85.7	87.8	89.0	89.5	91.0	91.1	91.1	91.7	91.8	91.8	92.9	92.9	93.1	93.2
GE 1500	81.5	83.3	86.6	88.8	90.0	90.5	92.2	92.3	92.3	92.9	93.0	93.0	94.1	94.1	94.3	94.4
GE 1200	82.9	84.8	88.1	90.3	91.5	92.0	93.7	93.8	93.8	94.4	94.5	94.5	95.6	95.6	95.8	95.9
GE 1000	83.1	85.2	88.5	90.8	91.9	92.5	94.1	94.2	94.2	94.8	94.9	94.9	96.0	96.0	96.2	96.3
GE 900	83.7	85.7	89.1	91.5	92.7	93.2	94.9	95.1	95.1	95.7	95.8	95.8	96.9	96.9	97.1	97.2
GE 800	84.1	86.1	89.7	92.0	93.2	93.8	95.5	95.6	95.6	96.2	96.3	96.3	97.4	97.4	97.6	97.8
GE 700	84.1	86.1	90.0	92.4	93.5	94.1	95.8	95.9	95.9	96.6	96.7	96.7	97.7	97.7	98.0	98.2
GE 600	84.3	86.3	90.2	92.6	93.8	94.3	96.0	96.1	96.1	96.8	96.9	96.9	98.0	98.0	98.2	98.4
GE 500	84.3	86.5	90.4	92.8	94.0	94.5	96.2	96.3	96.3	97.0	97.1	97.1	98.2	98.2	98.4	98.6
GE 400	84.3	86.5	90.5	92.9	94.3	94.8	96.6	96.7	96.7	97.3	97.4	97.4	98.6	98.6	98.8	99.1
GE 300	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.8	96.8	97.4	97.5	97.5	98.7	98.7	99.0	99.4
GE 200	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.8	96.8	97.4	97.5	97.5	98.9	98.9	99.2	99.6
GE 100	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.9	96.9	97.5	97.6	97.6	99.0	99.0	99.4	100.0
GE 000	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.9	96.9	97.5	97.6	97.6	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.6	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	65.3	66.0	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	65.4	66.1	66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	65.7	66.5	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	67.5	68.3	68.5	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	70.1	70.9	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	72.2	72.9	73.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	74.2	75.1	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	76.5	77.3	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	77.4	78.4	78.7	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	77.7	78.8	79.5	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	79.7	80.9	81.6	82.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	81.9	83.1	83.9	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	83.3	84.5	85.3	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	85.8	87.0	87.7	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	87.4	88.6	89.4	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2500	88.6	90.0	90.8	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	90.6	92.2	93.1	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	90.9	92.4	93.4	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	91.9	93.4	94.5	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	93.7	95.2	96.3	97.0	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	93.8	95.3	96.6	97.2	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	93.9	95.4	96.8	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	94.0	95.6	97.1	97.7	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	94.0	95.7	97.3	98.2	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	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	54.2	54.2
GE 20000	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	78.7	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	80.3	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	81.3	81.8	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	82.4	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	83.3	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	85.4	86.0	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	86.8	87.5	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	89.5	90.4	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	91.5	92.5	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	93.0	94.1	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	94.4	95.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	95.1	96.1	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	95.4	96.5	97.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	95.8	96.9	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.8	96.9	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.8	96.9	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	95.9	97.0	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	96.1	97.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	96.2	97.3	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	96.5	97.5	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	75.5	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	75.5	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	75.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	76.5	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 12000	78.7	78.9	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	80.8	81.0	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	82.2	82.4	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000	83.7	83.9	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	84.6	84.8	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	84.7	84.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000	86.5	86.7	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500	88.5	88.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	90.3	90.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	91.8	92.0	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	93.7	93.9	94.9	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	94.2	94.4	95.6	95.9	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	94.8	95.1	96.2	96.6	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	94.9	95.2	96.3	96.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	95.3	95.5	96.7	97.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	95.4	95.6	96.8	97.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	95.4	95.6	96.8	97.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	95.4	95.6	96.8	97.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	95.5	95.7	97.0	97.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.5	95.7	97.0	97.3	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.7	95.9	97.3	97.7	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	56.9	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	74.4	74.5	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	74.4	74.5	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	74.7	74.8	74.9	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	74.8	74.9	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	76.0	76.1	76.2	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	79.1	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	81.0	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	82.7	83.0	83.2	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	83.8	84.2	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	84.3	84.7	85.3	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	85.6	86.0	86.6	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	87.6	88.1	89.0	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	89.6	90.1	91.5	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	90.9	91.4	92.9	93.3	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	91.5	92.2	93.8	94.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	92.0	92.7	94.4	94.9	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	92.7	93.3	95.1	95.7	95.9	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.0	93.7	95.4	96.0	96.2	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	93.4	94.1	95.9	96.6	96.8	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	93.8	94.6	96.5	97.1	97.3	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	93.8	94.6	96.5	97.2	97.4	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	93.8	94.6	96.7	97.4	97.6	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	93.8	94.6	96.7	97.5	97.8	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	93.8	94.6	96.7	97.5	98.1	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	66.1	66.6	66.7	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	74.2	74.4	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	74.2	74.4	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	74.4	74.6	75.1	75.2	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	75.1	75.3	75.7	75.8	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	76.1	76.3	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	79.8	80.1	80.5	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	81.3	81.6	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	83.8	84.1	84.5	84.6	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	84.2	84.5	84.9	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	84.7	85.1	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	86.0	86.3	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	88.1	88.5	88.9	89.5	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	89.4	90.1	90.5	91.1	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	91.5	92.3	92.7	93.2	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	92.6	93.3	93.9	94.4	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	93.2	94.0	94.5	95.1	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	93.8	94.6	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	93.9	94.8	95.4	95.9	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	94.8	95.8	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	94.8	96.0	96.6	97.3	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	94.9	96.1	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	94.9	96.2	96.9	97.6	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	95.1	96.5	97.1	98.1	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	95.1	96.5	97.3	98.4	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	95.1	96.5	97.4	98.5	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.2	56.6	57.1	57.4	57.8	57.9	58.2	58.2	58.2	58.4	58.4	58.4	58.6	58.6	58.7	58.7
GE 20000	69.7	70.2	70.7	71.1	71.6	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.4	72.5	72.5	72.6
GE 18000	69.8	70.2	70.7	71.1	71.6	71.7	72.1	72.1	72.1	72.2	72.3	72.3	72.5	72.5	72.5	72.6
GE 16000	70.0	70.4	71.0	71.3	71.8	71.9	72.3	72.3	72.3	72.4	72.5	72.5	72.7	72.7	72.8	72.8
GE 14000	70.7	71.2	71.7	72.1	72.6	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.5	73.5	73.5	73.6
GE 12000	72.4	72.9	73.4	73.8	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.2	75.2	75.2	75.3
GE 10000	75.1	75.6	76.2	76.6	77.1	77.2	77.5	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.1
GE 9000	76.8	77.3	77.9	78.3	78.8	78.9	79.3	79.4	79.4	79.5	79.5	79.5	79.7	79.8	79.8	79.9
GE 8000	78.8	79.3	80.0	80.6	81.0	81.1	81.5	81.6	81.6	81.7	81.7	81.7	81.9	82.0	82.0	82.1
GE 7000	79.5	80.1	80.9	81.4	81.9	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.9	82.9
GE 6000	80.0	80.6	81.5	82.0	82.6	82.7	83.1	83.1	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.6
GE 5000	81.4	82.1	83.0	83.6	84.2	84.3	84.7	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2
GE 4500	83.4	84.1	85.1	85.8	86.4	86.5	86.9	86.9	86.9	87.1	87.1	87.1	87.3	87.4	87.4	87.4
GE 4000	84.8	85.5	86.6	87.3	87.9	88.1	88.5	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	89.0
GE 3500	86.7	87.6	88.7	89.4	90.1	90.2	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.1
GE 3000	88.5	89.3	90.5	91.3	91.9	92.0	92.5	92.5	92.5	92.6	92.7	92.7	92.9	92.9	93.0	93.0
GE 2500	89.6	90.5	91.8	92.6	93.3	93.4	93.9	93.9	93.9	94.0	94.1	94.1	94.3	94.3	94.4	94.4
GE 2000	90.8	91.8	93.3	94.1	94.8	95.0	95.4	95.5	95.5	95.6	95.7	95.7	95.9	95.9	95.9	96.0
GE 1800	91.0	92.1	93.5	94.4	95.2	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.2	96.3	96.3	96.3
GE 1500	91.7	92.7	94.2	95.1	95.9	96.1	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.1	97.1	97.2
GE 1200	92.3	93.4	94.9	95.8	96.7	96.8	97.3	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.9	97.9
GE 1000	92.4	93.5	95.0	95.9	96.8	96.9	97.5	97.5	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.1
GE 900	92.5	93.6	95.3	96.2	97.1	97.2	97.8	97.8	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE 800	92.6	93.8	95.6	96.5	97.4	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.8
GE 700	92.7	93.9	95.8	96.8	97.8	97.9	98.5	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.1
GE 600	92.8	94.0	95.9	97.0	97.9	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.4
GE 500	92.8	94.1	96.0	97.0	98.0	98.2	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
GE 400	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.8
GE 300	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
GE 200	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.9
GE 100	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.9	100.0
GE 000	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF BSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.3	70.7	71.3	71.9	72.0	72.0	72.1	72.1	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 20000	85.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 18000	85.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 16000	85.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 14000	85.1	85.4	86.1	86.7	86.8	86.8	86.9	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 12000	85.2	85.6	86.2	86.8	86.9	86.9	87.0	87.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 10000	86.8	87.1	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 9000	86.8	87.1	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 8000	88.7	89.3	90.0	90.6	90.7	90.7	90.8	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 7000	88.8	89.4	90.1	90.7	90.8	90.8	90.9	90.9	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 6000	89.1	89.8	90.4	91.0	91.1	91.1	91.2	91.2	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 5000	90.1	90.8	91.4	92.0	92.1	92.1	92.2	92.2	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 4500	91.0	91.7	92.3	92.9	93.0	93.0	93.1	93.1	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 4000	91.8	92.6	93.2	93.8	93.9	93.9	94.0	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 3500	92.8	93.6	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 3000	93.8	94.6	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 2500	94.1	94.9	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 2000	94.6	95.4	96.1	96.7	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 1800	94.7	95.8	96.4	97.0	97.2	97.2	97.3	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1500	95.0	96.1	96.8	97.3	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1200	95.3	96.4	97.1	97.7	97.9	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1000	95.4	96.6	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 900	95.4	96.6	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 800	95.4	96.7	97.3	98.0	98.2	98.2	98.3	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 700	95.7	96.9	97.6	98.2	98.4	98.4	98.6	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	95.8	97.0	97.7	98.4	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	96.0	97.2	98.2	99.0	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	96.0	97.2	98.3	99.1	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	66.8	67.9	68.7	69.7	69.7	70.0	70.3	70.3	70.7	70.8	70.8	70.8	70.9	70.9	70.9
GE 20000	77.9	78.4	79.7	80.4	81.4	81.4	81.8	82.1	82.1	82.4	82.6	82.6	82.6	82.7	82.7	82.7
GE 18000	77.9	78.4	79.7	80.4	81.4	81.4	81.8	82.1	82.1	82.4	82.6	82.6	82.6	82.7	82.7	82.7
GE 16000	78.0	78.6	79.8	80.6	81.6	81.6	81.9	82.2	82.2	82.6	82.7	82.7	82.7	82.8	82.8	82.8
GE 14000	78.0	78.6	79.8	80.6	81.6	81.6	81.9	82.2	82.2	82.6	82.7	82.7	82.7	82.8	82.8	82.8
GE 12000	79.7	80.2	81.4	82.4	83.4	83.4	83.8	84.1	84.1	84.4	84.6	84.6	84.6	84.7	84.7	84.7
GE 10000	82.6	83.1	84.3	85.3	86.3	86.3	86.7	87.0	87.0	87.3	87.4	87.4	87.4	87.6	87.6	87.6
GE 9000	83.7	84.2	85.4	86.4	87.4	87.4	87.8	88.1	88.1	88.4	88.6	88.6	88.6	88.7	88.7	88.7
GE 8000	84.7	85.2	86.6	87.6	88.6	88.6	88.9	89.2	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8
GE 7000	84.7	85.3	86.7	87.7	88.7	88.7	89.0	89.3	89.3	89.7	89.8	89.8	89.8	89.9	89.9	89.9
GE 6000	85.0	85.7	87.0	88.0	89.0	89.0	89.3	89.7	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2
GE 5000	86.1	86.8	88.1	89.1	90.1	90.1	90.4	90.8	90.8	91.1	91.2	91.2	91.2	91.3	91.3	91.3
GE 4500	86.8	87.4	88.8	89.8	90.8	90.8	91.1	91.4	91.4	91.8	91.9	91.9	91.9	92.0	92.0	92.0
GE 4000	88.1	88.8	90.1	91.1	92.1	92.1	92.4	92.8	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.3
GE 3500	88.7	89.3	90.7	91.7	92.7	92.7	93.0	93.3	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9
GE 3000	90.1	90.8	92.1	93.1	94.1	94.1	94.4	94.8	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3
GE 2500	90.8	91.4	92.8	93.8	94.8	94.8	95.1	95.4	95.4	95.8	95.9	95.9	95.9	96.0	96.0	96.0
GE 2000	91.3	92.0	93.3	94.6	95.6	95.6	95.9	96.2	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8
GE 1800	91.3	92.0	93.3	94.6	95.6	95.6	95.9	96.2	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8
GE 1500	91.8	92.4	93.8	95.1	96.1	96.1	96.4	96.8	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3
GE 1200	92.4	93.3	94.7	96.0	97.0	97.0	97.3	97.7	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2
GE 1000	92.6	93.4	94.8	96.1	97.1	97.1	97.6	97.9	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4
GE 900	92.7	93.6	94.9	96.2	97.2	97.2	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.6
GE 800	92.7	93.6	95.0	96.3	97.3	97.3	97.8	98.1	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7
GE 700	92.9	93.8	95.2	96.6	97.6	97.6	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.9	98.9	98.9
GE 600	93.0	93.9	95.3	96.7	97.7	97.7	98.1	98.4	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 500	93.4	94.3	95.9	97.2	98.2	98.2	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.6
GE 400	93.4	94.3	95.9	97.2	98.3	98.3	98.8	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0
GE 000	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.9	64.0	64.7	65.8	66.0	66.4	66.6	66.6	66.9	66.9	66.9	67.6	67.6	67.7	67.7
GE 20000	71.3	73.2	75.6	76.6	77.8	78.0	78.7	79.0	79.0	79.3	79.3	79.3	80.0	80.0	80.1	80.1
GE 18000	71.4	73.3	75.7	76.7	77.9	78.1	78.8	79.1	79.1	79.4	79.4	79.4	80.1	80.1	80.2	80.2
GE 16000	71.7	73.6	75.9	76.9	78.1	78.3	79.0	79.3	79.3	79.7	79.7	79.7	80.3	80.3	80.4	80.4
GE 14000	72.4	74.3	76.7	77.7	78.9	79.1	79.8	80.1	80.1	80.4	80.4	80.4	81.1	81.1	81.2	81.2
GE 12000	73.9	75.8	78.3	79.3	80.6	80.8	81.4	81.8	81.8	82.1	82.1	82.1	82.8	82.8	82.9	82.9
GE 10000	77.6	78.9	81.6	82.6	83.8	84.0	84.7	85.0	85.0	85.3	85.3	85.3	86.0	86.0	86.1	86.1
GE 9000	78.0	80.0	82.7	83.7	84.9	85.1	85.8	86.1	86.1	86.4	86.4	86.4	87.1	87.1	87.2	87.2
GE 8000	79.6	81.6	84.3	85.3	86.6	86.8	87.4	87.8	87.8	88.1	88.1	88.1	88.8	88.8	88.9	88.9
GE 7000	79.7	81.7	84.4	85.4	86.7	86.9	87.6	87.9	87.9	88.2	88.2	88.2	88.9	88.9	89.0	89.0
GE 6000	80.3	82.3	85.1	86.1	87.3	87.6	88.2	88.6	88.6	88.9	88.9	88.9	89.6	89.6	89.7	89.7
GE 5000	81.9	83.9	86.7	87.7	88.9	89.1	89.8	90.1	90.1	90.4	90.4	90.4	91.1	91.1	91.2	91.2
GE 4500	82.4	84.4	87.2	88.2	89.4	89.7	90.3	90.7	90.7	91.0	91.0	91.0	91.7	91.7	91.8	91.8
GE 4000	83.3	85.3	88.1	89.2	90.4	90.7	91.3	91.7	91.7	92.0	92.0	92.0	92.7	92.7	92.8	92.8
GE 3500	84.3	86.3	89.1	90.2	91.4	91.7	92.3	92.7	92.7	93.0	93.0	93.0	93.7	93.7	93.8	93.8
GE 3000	85.3	87.3	90.1	91.2	92.4	92.7	93.3	93.7	93.7	94.0	94.0	94.0	94.7	94.7	94.8	94.8
GE 2500	85.9	87.9	90.7	92.0	93.2	93.4	94.1	94.4	94.4	94.8	94.8	94.8	95.4	95.4	95.6	95.6
GE 2000	86.1	88.2	91.0	92.6	93.8	94.0	94.7	95.0	95.0	95.3	95.3	95.3	96.0	96.0	96.1	96.1
GE 1800	86.2	88.3	91.1	92.7	93.9	94.1	94.8	95.1	95.1	95.4	95.4	95.4	96.1	96.1	96.2	96.2
GE 1500	86.3	88.6	91.3	92.9	94.1	94.3	95.1	95.4	95.4	95.8	95.8	95.8	96.4	96.4	96.6	96.6
GE 1200	86.7	89.0	91.8	93.3	94.6	94.8	95.6	95.9	95.9	96.3	96.3	96.3	97.0	97.0	97.1	97.1
GE 1000	87.0	89.3	92.1	93.7	94.9	95.1	95.9	96.2	96.2	96.7	96.7	96.7	97.3	97.3	97.4	97.4
GE 900	87.0	89.3	92.1	93.7	95.1	95.3	96.1	96.4	96.4	96.9	96.9	96.9	97.6	97.6	97.7	97.7
GE 800	87.1	89.4	92.2	93.9	95.3	95.6	96.3	96.7	96.7	97.1	97.1	97.1	97.8	97.8	97.9	97.9
GE 700	87.1	89.4	92.2	93.9	95.3	95.6	96.4	96.8	96.8	97.2	97.2	97.2	97.9	97.9	98.0	98.0
GE 600	87.2	89.6	92.6	94.2	95.7	95.9	96.9	97.2	97.2	97.7	97.7	97.7	98.3	98.3	98.4	98.4
GE 500	87.3	89.7	92.8	94.4	95.9	96.1	97.2	97.6	97.6	98.0	98.0	98.0	98.7	98.7	98.8	98.8
GE 400	87.4	89.8	92.9	94.6	96.2	96.4	97.8	98.2	98.2	98.7	98.7	98.7	99.3	99.4	99.6	99.6
GE 300	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	99.9
GE 200	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0
GE 100	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0
GE 000	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.1	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	75.0	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	75.1	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 16000	75.3	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000	75.9	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	78.8	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 10000	80.6	81.7	82.2	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
GE 9000	82.4	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000	84.7	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	85.2	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 6000	86.3	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	88.1	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	89.3	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4000	90.6	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	91.8	93.0	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	93.0	94.2	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	93.7	94.9	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	94.7	96.0	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	94.8	96.1	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	95.1	96.4	97.3	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	96.0	97.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	96.2	97.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.3	97.7	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.6	97.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 10000	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	93.4	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	95.2	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	95.8	96.4	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	97.3	98.1	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.3	98.1	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	99.1
GE 1500	97.4	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 18000	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 16000	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 14000	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 9000	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 7000	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	90.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4000	93.4	94.2	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	94.3	95.2	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	95.2	96.1	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	95.8	96.9	97.4	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	96.2	97.3	97.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	96.2	97.3	97.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	96.2	97.3	97.9	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	96.2	97.3	97.9	98.4	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.2	97.4	98.0	98.6	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.3	97.6	98.1	98.7	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.4	97.7	98.2	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	96.4	97.7	98.2	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	97.7	98.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 18000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 16000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 14000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 10000	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 8000	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	90.1	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	90.8	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000	91.2	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	91.7	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4000	92.7	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	93.2	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	94.8	95.7	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	95.1	96.0	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	95.8	96.7	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	96.0	96.9	97.6	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.6	97.4	98.1	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	96.8	97.8	98.6	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.9	97.9	98.7	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	97.1	98.1	98.9	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.3	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 18000	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 16000	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 14000	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000	84.3	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 10000	87.0	87.3	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	87.3	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 8000	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 7000	90.1	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000	91.3	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 5000	91.9	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	92.4	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4000	93.2	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	94.1	95.0	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	94.9	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	95.4	96.3	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	96.1	97.0	97.1	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	96.2	97.1	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	96.9	97.8	97.9	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	97.7	98.8	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.9	99.0	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.9	99.0	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.9	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.2	64.7	65.2	65.4	65.7	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2
GE 20000	79.0	79.7	80.2	80.5	80.8	80.9	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4
GE 18000	79.1	79.8	80.3	80.7	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5
GE 16000	79.2	79.9	80.5	80.8	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
GE 14000	79.6	80.3	80.9	81.2	81.5	81.5	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 12000	81.1	81.8	82.4	82.8	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 10000	83.3	84.0	84.6	85.0	85.3	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 9000	84.3	85.1	85.8	86.1	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 8000	86.5	87.3	88.1	88.4	88.7	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 7000	86.8	87.7	88.4	88.8	89.1	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 6000	87.6	88.5	89.2	89.5	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 5000	88.8	89.7	90.5	90.8	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7
GE 4500	89.7	90.7	91.4	91.7	92.1	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6
GE 4000	90.7	91.7	92.4	92.8	93.2	93.2	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7
GE 3500	91.6	92.6	93.4	93.8	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 3000	92.8	93.8	94.6	95.0	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 2500	93.3	94.3	95.2	95.7	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8
GE 2000	94.0	95.1	96.0	96.5	97.0	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 1800	94.1	95.2	96.1	96.7	97.2	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 1500	94.4	95.5	96.5	97.0	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	94.8	96.0	97.0	97.6	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	94.9	96.2	97.1	97.7	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0
GE 900	95.0	96.2	97.2	97.8	98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	95.1	96.3	97.3	97.9	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	95.2	96.4	97.4	98.0	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	95.2	96.5	97.5	98.1	98.8	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	95.3	96.6	97.7	98.3	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	95.3	96.6	97.7	98.4	99.1	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 200	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.6	71.6	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 20000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 18000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 16000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 14000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 12000	85.6	85.7	86.3	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 10000	88.3	88.6	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 9000	89.0	89.4	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 8000	90.0	90.3	91.0	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 7000	90.5	90.9	91.5	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 6000	90.8	91.1	91.7	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 5000	91.5	91.8	92.5	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 4500	93.4	93.8	94.4	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 4000	94.7	95.1	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 3500	95.2	95.5	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 3000	95.4	95.7	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 2500	95.7	96.1	96.9	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 2000	96.1	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1800	96.3	97.0	97.8	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1500	96.7	97.3	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1200	96.9	97.6	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	96.9	97.6	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	97.0	97.7	98.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	97.1	97.8	98.7	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	97.4	98.2	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	97.5	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	97.5	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	97.5	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FLCTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	70.4	71.6	72.3	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 20000	83.2	84.0	85.4	86.1	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 18000	83.2	84.0	85.4	86.1	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 16000	83.3	84.1	85.5	86.2	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 14000	83.5	84.3	85.7	86.5	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 12000	84.3	85.1	86.5	87.2	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	87.2	88.0	89.4	90.1	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 9000	87.8	88.6	90.0	90.8	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 8000	88.7	89.5	90.9	91.6	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 7000	88.8	89.6	91.0	91.7	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	88.8	89.6	91.0	91.7	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	89.5	90.2	91.6	92.5	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	90.5	91.3	92.7	93.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	91.6	92.4	93.8	94.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	92.7	93.4	94.8	95.7	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	93.0	93.8	95.2	96.0	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	93.1	94.0	95.6	96.5	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	93.9	94.7	96.3	97.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	94.0	94.8	96.5	97.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	94.1	94.9	96.6	97.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	94.3	95.2	96.8	97.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	94.3	95.2	96.8	97.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.4	95.3	96.9	97.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.5	95.4	97.0	98.0	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.1	95.9	97.5	98.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.1	95.9	97.5	98.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.1	95.9	97.5	98.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	95.9	97.5	98.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	95.9	97.5	98.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	57.5	59.6	60.3	61.6	61.6	61.6	61.8	61.8	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 20000	70.6	71.9	74.2	75.3	76.7	76.7	76.7	76.9	76.9	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 18000	70.8	72.0	74.3	75.4	76.8	76.8	76.8	77.0	77.0	77.5	77.5	77.5	77.6	77.6	77.6	77.6
GE 16000	71.3	72.6	74.8	75.9	77.3	77.3	77.3	77.5	77.5	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 14000	72.0	73.4	75.7	76.8	78.2	78.2	78.2	78.4	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 12000	74.5	76.0	78.5	79.7	81.2	81.2	81.2	81.4	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 10000	78.1	79.6	82.0	83.4	85.1	85.1	85.1	85.3	85.3	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 9000	79.2	80.8	83.3	84.7	86.3	86.3	86.3	86.6	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 8000	80.9	82.5	85.1	86.5	88.1	88.1	88.1	88.3	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 7000	81.8	83.4	86.0	87.4	89.0	89.0	89.0	89.2	89.2	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 6000	82.0	83.7	86.2	87.6	89.2	89.2	89.2	89.5	89.5	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 5000	83.0	84.6	87.2	88.6	90.4	90.4	90.4	90.6	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 4500	84.1	85.8	88.4	89.8	91.6	91.6	91.6	91.8	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 4000	85.7	87.5	90.2	91.6	93.5	93.5	93.5	93.8	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 3500	86.5	88.3	91.0	92.4	94.3	94.3	94.3	94.5	94.5	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 3000	87.0	88.8	91.5	92.9	95.1	95.1	95.1	95.3	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 2500	87.2	89.1	91.9	93.3	95.5	95.5	95.5	95.7	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 2000	87.7	89.7	92.5	93.9	96.0	96.0	96.0	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1800	88.1	90.0	92.8	94.3	96.5	96.5	96.5	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1500	88.3	90.3	93.1	94.6	97.0	97.0	97.0	97.2	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1200	88.7	90.8	93.5	95.1	97.4	97.4	97.4	97.6	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1000	88.8	90.9	93.7	95.3	97.6	97.6	97.6	97.8	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 900	89.0	91.1	93.9	95.5	97.8	97.8	98.0	98.2	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 800	89.1	91.2	94.0	95.6	98.0	98.0	98.1	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	89.1	91.2	94.1	95.7	98.1	98.1	98.2	98.4	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	89.4	91.4	94.4	96.0	98.4	98.4	98.5	98.7	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 500	89.5	91.5	94.5	96.1	98.5	98.5	98.6	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 200	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 100	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															G
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	60.8	61.3	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.
GE 20000	76.9	77.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.
GE 18000	76.9	77.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.
GE 16000	77.1	77.7	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.
GE 14000	78.2	78.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.
GE 12000	80.4	81.2	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.
GE 10000	84.5	85.3	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
GE 9000	85.5	86.3	87.4	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
GE 8000	86.2	87.1	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.
GE 7000	87.2	88.1	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.
GE 6000	87.4	88.3	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.
GE 5000	89.7	90.5	91.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.
GE 4500	90.8	91.7	92.8	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.
GE 4000	91.4	92.4	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.
GE 3500	92.0	93.0	94.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.
GE 3000	92.9	93.9	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
GE 2500	93.1	94.3	95.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.
GE 2000	94.1	95.4	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.
GE 1800	94.4	95.7	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
GE 1500	95.3	96.8	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
GE 1200	95.3	96.8	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
GE 1000	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
GE 900	95.4	96.9	98.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
GE 800	95.5	97.0	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE 700	95.5	97.0	98.7	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE 600	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 500	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 400	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 300	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 200	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 100	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE 000	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	61.4	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	78.9	78.9	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 18000	79.0	79.0	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	79.1	79.1	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	80.2	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	82.5	82.5	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	86.0	86.0	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	87.0	87.1	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 8000	88.0	88.1	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	88.6	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	88.9	89.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	90.2	90.3	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	91.7	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	92.8	92.9	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	93.4	93.7	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	94.3	94.5	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	95.5	95.7	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	96.2	96.5	97.2	97.5	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	96.3	96.6	97.3	97.6	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	96.8	97.0	97.7	98.2	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	96.8	97.1	97.8	98.3	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	96.8	97.1	97.8	98.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															G
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	58.0	58.0	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
GE 20000	78.8	78.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.
GE 18000	78.9	78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.
GE 16000	78.9	78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.
GE 14000	79.7	79.7	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.
GE 12000	81.3	81.3	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
GE 10000	85.8	85.8	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.
GE 9000	87.2	87.2	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.
GE 8000	88.2	88.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.
GE 7000	88.5	88.5	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.
GE 6000	88.9	88.9	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.
GE 5000	89.8	89.9	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
GE 4500	90.6	90.9	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.
GE 4000	91.0	91.2	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.
GE 3500	92.7	92.9	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.
GE 3000	94.1	94.3	95.2	95.3	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.
GE 2500	94.4	94.7	95.6	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.
GE 2000	95.7	96.1	97.1	97.2	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.
GE 1800	95.8	96.3	97.4	97.5	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.
GE 1500	95.8	96.5	97.5	97.7	98.5	98.5	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.
GE 1200	96.2	96.9	98.0	98.2	98.9	98.9	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.
GE 1000	96.5	97.1	98.2	98.4	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE 900	96.5	97.1	98.2	98.4	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE 800	96.6	97.2	98.3	98.5	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE 700	96.6	97.2	98.3	98.5	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE 600	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE 500	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE 400	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE 300	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE 200	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE 100	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE 000	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	79.7	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 18000	79.7	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000	79.7	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1400	80.3	81.2	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 12000	81.8	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 10000	86.1	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 9000	87.0	87.8	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 8000	88.7	89.6	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 7000	88.7	89.6	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 6000	89.0	90.0	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	89.7	90.6	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4500	90.8	91.8	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	91.1	92.3	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	92.6	94.1	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	93.8	95.4	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	94.6	96.2	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	95.4	97.0	98.0	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	95.7	97.3	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	95.8	97.4	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 20000	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 16000	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 14000	87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 12000	87.6	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 10000	89.7	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	90.4	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	92.5	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 7000	92.6	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	93.4	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	93.9	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	95.2	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	95.5	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	96.1	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	97.0	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	97.7	98.1	98.8	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
GE 2000	98.4	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	98.4	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.6	98.9	99.8	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
GE 600	98.6	98.9	99.8	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
GE 500	98.6	98.9	99.8	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
GE 400	98.6	98.9	99.8	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
GE 300	98.6	98.9	99.8	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
GE 200	98.6	98.9	99.8	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
GE 100	98.6	98.9	99.8	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
GE 000	98.6	98.9	99.8	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

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	63.1	63.8	64.1	64.4	64.4	64.4	4.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
GE 20000	79.9	80.4	81.3	81.6	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	80.0	80.5	81.3	81.7	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	80.1	80.6	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	80.7	81.2	82.0	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 12000	82.3	82.8	83.7	84.1	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 10000	85.7	86.3	87.2	87.6	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	86.7	87.2	88.2	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	87.9	88.5	89.4	89.9	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 7000	88.3	89.0	89.9	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	88.7	89.3	90.3	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 5000	89.7	90.3	91.3	91.7	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	90.9	91.6	92.6	93.0	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4000	91.7	92.4	93.4	93.9	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	92.6	93.4	94.5	95.0	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	93.4	94.2	95.3	95.8	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	93.9	94.8	96.0	96.5	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	94.7	95.6	96.9	97.4	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	94.9	95.8	97.1	97.7	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	95.1	96.1	97.4	98.1	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	95.3	96.4	97.7	98.3	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 1000	95.4	96.4	97.7	98.4	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	95.5	96.5	97.8	98.5	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	95.5	96.5	97.9	98.5	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.6	96.6	98.0	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	95.7	96.7	98.1	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.7	96.7	98.1	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.7	96.7	98.1	98.8	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.9	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	84.9	85.8	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 18000	85.0	85.9	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 16000	85.2	86.1	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 14000	85.7	86.6	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 12000	87.2	88.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 10000	90.0	90.9	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 9000	92.1	93.0	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 8000	92.9	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	93.1	94.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	93.6	94.4	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 5000	94.3	95.3	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500	94.8	95.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	95.0	96.1	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	95.3	96.4	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	95.6	96.7	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	96.1	97.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	96.7	97.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	96.7	97.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.9	98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.9	98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.0	98.3	99.3	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
GE 200	97.0	98.3	99.3	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
GE 100	97.0	98.3	99.3	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
GE 000	97.0	98.3	99.3	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

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.3	65.3	67.3	68.3	69.3	69.3	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	79.6	80.8	83.3	84.8	85.9	85.9	86.2	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 18000	79.6	80.8	83.3	84.8	85.9	85.9	86.2	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 16000	79.9	81.1	83.7	85.1	86.2	86.2	86.6	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 14000	80.6	81.8	84.3	85.8	86.9	86.9	87.2	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 12000	81.7	82.9	85.4	87.0	88.1	88.1	88.4	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 10000	84.8	86.0	88.6	90.1	91.2	91.2	91.6	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 9000	86.2	87.7	90.2	91.8	92.9	92.9	93.2	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 8000	87.1	88.6	91.1	92.7	93.8	93.8	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 7000	87.4	88.9	91.4	93.0	94.1	94.1	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	87.4	88.9	91.4	93.0	94.1	94.1	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	88.1	89.6	92.1	93.7	94.8	94.8	95.1	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	88.6	90.0	92.6	94.1	95.2	95.2	95.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	88.7	90.1	92.7	94.2	95.3	95.3	95.7	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	88.9	90.3	92.9	94.4	95.6	95.6	95.9	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	89.1	90.7	93.2	94.8	95.9	95.9	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	89.6	91.1	93.9	95.6	96.7	96.7	97.0	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	90.2	91.8	94.6	96.2	97.3	97.3	97.7	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	90.3	91.9	94.8	96.4	97.6	97.6	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	90.3	91.9	94.8	96.4	97.6	97.6	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	90.3	91.9	94.8	96.8	97.9	97.9	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	90.3	91.9	94.8	96.8	97.9	97.9	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	90.6	92.1	95.0	97.0	98.2	98.2	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	90.6	92.1	95.0	97.0	98.2	98.2	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	90.8	92.3	95.2	97.2	98.4	98.4	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	91.0	92.6	95.4	97.4	98.7	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	91.1	92.7	95.6	97.6	98.8	98.8	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.2	92.8	95.7	97.7	98.9	98.9	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY F
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															GE 0
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	53.8	55.6	56.7	57.3	58.4	58.6	58.9	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3
GE 20000	70.3	73.3	75.0	76.0	77.3	77.4	77.9	77.9	77.9	78.4	78.6	78.6	78.6	78.6	78.7	78.9
GE 18000	70.3	73.3	75.0	76.0	77.3	77.4	77.9	77.9	77.9	78.4	78.6	78.6	78.6	78.6	78.7	78.9
GE 16000	71.0	74.0	75.7	76.7	78.0	78.1	78.6	78.6	78.6	79.1	79.2	79.2	79.2	79.2	79.3	79.6
GE 14000	71.7	74.7	76.3	77.3	78.7	78.8	79.2	79.2	79.2	79.8	79.9	79.9	79.9	79.9	80.0	80.2
GE 12000	75.7	79.0	80.7	81.7	83.0	83.1	83.6	83.6	83.6	84.1	84.2	84.2	84.2	84.2	84.3	84.6
GE 10000	79.6	82.9	84.7	85.7	87.1	87.2	87.7	87.7	87.7	88.2	88.3	88.3	88.3	88.3	88.4	88.7
GE 9000	81.2	84.7	86.4	87.4	88.9	89.0	89.4	89.4	89.4	90.0	90.1	90.1	90.1	90.1	90.2	90.4
GE 8000	82.3	85.8	87.6	88.6	90.0	90.1	90.6	90.6	90.6	91.1	91.2	91.2	91.2	91.2	91.3	91.6
GE 7000	83.1	86.6	88.4	89.4	90.9	91.0	91.4	91.4	91.4	92.0	92.1	92.1	92.1	92.1	92.2	92.4
GE 6000	83.4	86.9	88.8	89.8	91.2	91.3	91.8	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.6	92.8
GE 5000	84.2	87.7	89.7	90.7	92.1	92.2	92.7	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.4	93.7
GE 4500	84.6	88.0	90.0	91.0	92.4	92.6	93.0	93.0	93.0	93.6	93.7	93.7	93.7	93.7	93.8	94.0
GE 4000	85.1	88.6	90.6	91.7	93.1	93.2	93.7	93.7	93.7	94.2	94.3	94.3	94.3	94.3	94.4	94.7
GE 3500	85.7	89.2	91.3	92.4	93.9	94.0	94.4	94.4	94.4	95.0	95.1	95.1	95.1	95.1	95.2	95.4
GE 3000	85.8	89.4	91.6	92.7	94.1	94.2	94.7	94.7	94.7	95.2	95.3	95.3	95.3	95.3	95.4	95.7
GE 2500	85.9	89.6	91.7	92.9	94.4	94.6	95.1	95.1	95.1	95.7	95.8	95.8	95.8	95.8	95.9	96.1
GE 2000	86.2	89.9	92.1	93.4	95.0	95.1	95.7	95.7	95.7	96.2	96.3	96.3	96.3	96.3	96.4	96.7
GE 1800	86.2	89.9	92.2	93.6	95.1	95.2	95.8	95.8	95.8	96.3	96.4	96.4	96.4	96.4	96.6	96.8
GE 1500	86.6	90.2	92.6	93.9	95.4	95.6	96.1	96.2	96.2	96.8	96.9	96.9	96.9	96.9	97.0	97.2
GE 1200	86.6	90.2	92.6	93.9	95.6	95.7	96.3	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.4
GE 1000	86.6	90.2	92.6	93.9	95.6	95.7	96.3	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.4
GE 900	86.7	90.3	92.7	94.0	95.7	95.8	96.4	96.6	96.6	97.1	97.2	97.2	97.2	97.2	97.3	97.6
GE 800	87.1	90.8	93.2	94.6	96.2	96.3	97.0	97.1	97.1	97.7	97.8	97.8	97.8	97.8	97.9	98.1
GE 700	87.2	91.0	93.4	94.8	96.4	96.6	97.2	97.3	97.3	97.9	98.0	98.0	98.0	98.0	98.1	98.3
GE 600	87.4	91.2	93.7	95.0	96.7	96.8	97.4	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.6
GE 500	87.9	91.7	94.1	95.4	97.1	97.2	97.9	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.8	99.0
GE 400	87.9	91.8	94.2	95.6	97.4	97.6	98.2	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.1	99.3
GE 300	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.9
GE 200	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.9
GE 100	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.8	100.0
GE 000	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	51.6	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	73.2	74.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	73.2	74.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	73.6	74.4	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	75.6	76.4	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	80.0	80.9	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	84.7	85.8	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	86.8	88.0	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 8000	88.2	89.4	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	88.8	90.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	88.9	90.1	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 5000	89.6	90.8	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	91.0	92.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	91.2	92.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3500	91.8	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	92.6	93.8	94.8	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
GE 2500	92.6	94.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	94.9	96.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	95.6	97.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	95.7	97.3	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.0	97.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.0	97.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.2	97.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.3	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	83.8	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	86.2	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	87.2	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	87.4	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	87.7	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	89.6	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	90.6	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	90.9	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	91.6	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	93.0	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	94.2	95.6	96.1	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	96.9	98.3	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	97.2	98.7	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL

PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: JUN HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	71.2	71.4	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	71.2	71.4	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	71.3	71.6	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	72.3	72.6	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	77.1	77.3	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 10000	84.1	84.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	86.1	86.4	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 8000	88.1	88.4	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	88.2	88.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 6000	88.6	88.9	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 5000	90.2	90.6	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	91.3	91.7	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	91.8	92.1	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	92.8	93.1	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	93.9	94.2	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	94.8	95.1	97.2	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	95.2	95.6	97.7	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 1800	95.3	95.7	97.8	98.4	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
GE 1500	95.8	96.1	98.2	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1200	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	39.0	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	73.7	73.8	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	73.7	73.8	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	73.7	73.8	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	74.8	74.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	78.9	79.0	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	85.0	85.2	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 9000	86.9	87.1	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	89.4	89.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 7000	89.6	90.1	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	89.9	90.4	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 5000	91.2	91.8	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	91.7	92.4	94.0	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
GE 4000	92.0	92.9	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	92.3	93.2	94.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	93.0	93.9	95.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	93.6	94.4	96.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	94.2	95.1	97.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	94.8	95.7	97.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	94.8	95.7	97.6	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	94.9	95.8	97.7	99.0	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	94.9	95.8	97.7	99.0	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 800	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 700	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	80.9	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	81.0	81.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 16000	81.1	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	81.3	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	83.4	84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 10000	87.1	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	89.2	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	92.0	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	92.4	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	92.9	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	93.7	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4500	94.1	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	94.3	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	94.9	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	95.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	96.1	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	96.8	98.0	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	97.0	98.2	98.8	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
GE 1500	97.2	98.4	99.0	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
GE 1200	97.3	98.7	99.3	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
GE 1000	97.3	98.7	99.3	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
GE 900	97.3	98.7	99.3	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
GE 800	97.3	98.7	99.3	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
GE 700	97.3	98.7	99.3	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
GE 600	97.3	98.7	99.3	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
GE 500	97.3	98.7	99.3	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
GE 400	97.3	98.7	99.3	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
GE 300	97.3	98.7	99.3	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
GE 200	97.3	98.7	99.3	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
GE 100	97.3	98.7	99.3	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
GE 000	97.3	98.7	99.3	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

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	52.8	53.5	53.7	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	75.9	76.8	77.8	78.4	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	76.0	76.9	77.9	78.4	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1
GE 16000	76.2	77.1	78.1	78.7	79.0	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	77.0	77.9	78.9	79.5	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	80.3	81.3	82.3	82.9	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 10000	84.9	85.9	87.0	87.6	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 9000	86.8	88.0	89.1	89.7	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	88.4	89.6	90.7	91.3	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 7000	88.8	89.9	91.1	91.7	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 6000	89.0	90.2	91.4	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 5000	90.1	91.3	92.5	93.1	93.5	93.5	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	90.8	92.1	93.3	94.0	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	91.1	92.4	93.7	94.4	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	91.7	93.0	94.3	95.0	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3000	92.3	93.7	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	92.8	94.3	95.7	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 2000	93.9	95.4	96.9	97.7	98.2	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	94.1	95.6	97.2	98.0	98.5	98.5	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	94.3	95.8	97.4	98.2	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1200	94.4	95.9	97.5	98.4	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 1000	94.4	95.9	97.5	98.4	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 900	94.5	96.0	97.5	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 800	94.5	96.0	97.6	98.5	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	94.6	96.1	97.7	98.6	99.0	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	94.6	96.2	97.8	98.7	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	94.7	96.3	97.8	98.8	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	94.7	96.3	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.5	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 18000	90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 16000	90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 14000	90.3	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 12000	91.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 10000	95.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 9000	96.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 8000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 7000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 5000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500	96.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000	97.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	97.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	97.4	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
GE 1800	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.3	99.6	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
GE 1000	98.3	99.6	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
GE 900	98.3	99.6	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
GE 800	98.3	99.6	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
GE 700	98.3	99.6	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
GE 600	98.3	99.6	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
GE 500	98.3	99.6	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
GE 400	98.3	99.6	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
GE 300	98.3	99.6	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
GE 200	98.3	99.6	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
GE 100	98.3	99.6	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
GE 000	98.3	99.6	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

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	76.9	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 20000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 18000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 16000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 14000	89.6	92.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 12000	90.6	93.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 10000	93.0	95.5	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 9000	94.0	96.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 8000	94.3	96.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 7000	94.3	96.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 6000	94.5	97.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 5000	94.5	97.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 4500	94.5	97.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 4000	95.2	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 3500	95.2	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 3000	95.2	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 2500	95.2	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 2000	95.4	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1800	95.4	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1500	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1200	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1000	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	61.9	63.7	64.8	66.5	66.8	67.0	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.4	67.4
GE 20000	77.8	81.0	83.2	84.4	86.0	86.3	86.6	86.6	86.6	86.9	86.9	86.9	87.1	87.1	87.2	87.2
GE 18000	78.2	81.3	83.5	84.7	86.3	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.4	87.4	87.5	87.5
GE 16000	79.0	82.2	84.4	85.6	87.2	87.5	87.7	87.7	87.7	88.1	88.1	88.1	88.3	88.3	88.4	88.4
GE 14000	80.3	83.5	85.9	87.1	88.7	89.0	89.2	89.2	89.2	89.6	89.6	89.6	89.8	89.8	89.9	89.9
GE 12000	82.2	85.6	88.1	89.2	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.9	91.9	92.0	92.0
GE 10000	84.9	88.4	90.9	92.0	93.8	94.1	94.3	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.9	94.9
GE 9000	85.8	89.2	91.7	92.9	94.6	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.7	95.7	95.8	95.8
GE 8000	86.0	89.5	91.9	93.1	94.8	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.0
GE 7000	86.2	89.7	92.2	93.3	95.1	95.4	95.6	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.2	96.2
GE 6000	86.5	89.9	92.6	93.8	95.5	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.7	96.7
GE 5000	86.7	90.1	92.8	94.0	95.7	96.0	96.2	96.2	96.2	96.6	96.6	96.6	96.8	96.8	96.9	96.9
GE 4500	86.8	90.2	92.9	94.1	95.8	96.1	96.3	96.3	96.3	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE 4000	87.1	90.5	93.2	94.4	96.1	96.5	96.7	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.3	97.3
GE 3500	87.5	91.1	93.8	94.9	96.7	97.0	97.2	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
GE 3000	87.5	91.1	93.8	94.9	96.7	97.0	97.2	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
GE 2500	87.5	91.1	93.8	94.9	96.7	97.0	97.2	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
GE 2000	88.0	91.5	94.3	95.5	97.2	97.5	97.7	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE 1800	88.2	91.7	94.5	95.7	97.4	97.7	98.0	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.7	98.7
GE 1500	88.5	92.0	94.8	96.1	97.8	98.2	98.4	98.4	98.4	98.7	98.8	98.8	99.0	99.0	99.1	99.1
GE 1200	88.5	92.0	94.8	96.2	98.0	98.3	98.5	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.2	99.2
GE 1000	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 900	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 800	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 700	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 600	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 500	88.5	92.0	94.8	96.2	98.1	98.4	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.4	99.4
GE 400	88.5	92.0	94.8	96.3	98.3	98.6	98.8	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.6	99.6
GE 300	88.5	92.0	94.8	96.3	98.3	98.6	99.0	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.8
GE 200	88.5	92.0	94.8	96.3	98.3	98.6	99.0	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	88.5	92.0	94.8	96.3	98.3	98.6	99.0	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	88.5	92.0	94.8	96.3	98.3	98.6	99.0	99.1	99.1	99.5	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															G
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	59.6	60.8	62.6	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	80.2	81.5	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 18000	80.4	81.7	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 16000	81.3	82.6	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 14000	84.6	85.9	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	86.3	87.6	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000	90.0	91.3	93.8	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 9000	91.0	92.3	94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 8000	91.7	93.1	95.6	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	91.8	93.2	95.7	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 6000	91.9	93.3	96.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 5000	92.2	93.7	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	92.3	93.8	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	92.6	94.2	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	92.8	94.4	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	93.1	94.7	97.4	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	93.3	94.9	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	94.2	95.8	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	94.4	96.0	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	94.5	96.1	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	94.5	96.1	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	94.5	96.1	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	94.6	96.2	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.6	96.2	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	96.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	51.1	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	77.2	78.7	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	77.5	79.0	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	77.7	79.2	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	79.2	80.9	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	81.0	82.6	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 10000	84.6	86.2	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 9000	85.5	87.1	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	86.8	88.4	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 7000	86.8	88.4	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 6000	87.2	88.8	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 5000	88.0	89.7	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	88.2	90.0	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	88.4	90.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	89.6	91.5	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	90.9	92.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	92.4	94.3	97.5	97.5	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	92.8	94.9	98.2	98.3	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	93.2	95.4	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	93.4	95.6	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1200	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 20000	71.6	73.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	71.7	73.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	72.2	73.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	72.8	74.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	75.2	77.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 10000	81.8	84.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 9000	83.4	85.6	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 8000	85.6	87.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 7000	86.0	88.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	86.5	88.7	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	86.5	88.7	91.1	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4500	87.0	89.2	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	87.8	90.1	92.7	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	89.0	91.3	94.2	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	89.4	91.7	94.9	95.3	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	90.1	92.8	96.6	97.0	97.4	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	90.6	93.4	97.4	98.0	98.6	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 1800	90.9	93.7	97.6	98.2	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 1500	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1200	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9
GE 1000	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9
GE 900	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9
GE 800	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY:
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	39.7	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	69.9	72.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	69.9	72.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	70.0	72.5	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	71.1	73.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	73.2	75.7	77.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	81.2	84.1	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	83.2	86.1	88.6	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	85.9	88.8	91.4	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	86.2	89.1	91.7	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	86.6	89.5	92.0	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 5000	87.1	90.0	92.6	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	87.5	90.4	93.0	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	88.3	91.2	93.8	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	88.5	91.5	94.1	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	88.8	91.9	94.6	95.5	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	89.9	93.0	95.9	96.8	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	90.6	93.8	96.8	97.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	90.6	93.8	96.8	97.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	90.8	93.9	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	91.3	94.4	97.4	98.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	91.4	94.5	97.5	98.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	91.4	94.5	97.5	98.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 18000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 16000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 14000	82.7	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 12000	84.3	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 10000	88.5	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 9000	90.6	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000	92.0	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	92.2	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	92.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 5000	92.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500	93.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	93.8	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	94.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	94.1	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	94.9	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	96.0	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	96.0	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	96.0	98.3	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	96.5	98.7	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	58.0	59.2	59.4	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	79.8	81.7	83.4	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 18000	79.9	81.8	83.5	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 16000	80.2	82.1	83.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
GE 14000	81.3	83.3	85.0	85.3	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 12000	83.0	85.1	86.8	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 10000	87.4	89.6	91.4	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 9000	88.7	90.9	92.7	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 8000	89.9	92.1	93.9	94.2	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 7000	90.0	92.2	94.1	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 6000	90.3	92.4	94.4	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 5000	90.5	92.7	94.6	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 4500	90.8	93.0	94.9	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 4000	91.3	93.5	95.5	95.8	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	91.7	94.0	96.0	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	92.0	94.3	96.4	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 2500	92.6	94.9	97.1	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 2000	93.1	95.5	97.8	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1800	93.3	95.7	97.9	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1500	93.5	95.9	98.1	98.6	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1200	93.6	96.1	98.3	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1000	93.7	96.1	98.3	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	93.7	96.1	98.3	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 800	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 700	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.5	66.0	66.9	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 20000	86.8	87.7	88.7	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 18000	86.8	87.7	88.7	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 16000	86.9	87.8	88.8	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 14000	87.6	88.6	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 12000	89.5	90.4	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 10000	92.4	93.3	94.5	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	93.8	94.7	95.9	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 8000	94.3	95.3	96.5	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 7000	94.6	95.6	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 6000	94.6	95.6	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 5000	94.9	95.9	97.1	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4500	95.2	96.1	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4000	95.3	96.2	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500	95.4	96.3	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	95.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	95.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	95.8	96.8	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	95.9	96.9	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	96.3	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.3	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.6	97.5	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.6	97.5	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.3	72.8	74.0	74.8	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 20000	84.2	85.7	87.1	88.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 18000	84.2	85.7	87.1	88.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 16000	84.2	85.7	87.1	88.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 14000	84.6	86.1	87.5	88.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 12000	86.9	88.5	89.9	90.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 10000	89.1	90.8	92.2	93.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 9000	90.3	91.9	93.3	94.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 8000	90.9	92.5	93.9	94.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	91.0	92.6	94.0	94.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 6000	91.7	93.3	94.7	95.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	92.0	93.7	95.1	95.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	92.2	93.8	95.2	96.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	92.5	94.1	95.5	96.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	93.4	95.1	96.7	97.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	93.4	95.2	96.8	97.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1500	93.4	95.2	96.8	97.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1200	93.5	95.3	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1000	93.5	95.3	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	93.9	95.6	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	93.9	95.6	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	94.0	95.7	97.3	98.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	94.0	95.7	97.3	98.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	94.1	95.8	97.4	98.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FLCTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: AUG HOURS: 06-08

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	62.9	64.8	65.5	66.3	66.5	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 20000	77.7	80.3	83.1	83.8	84.6	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 18000	77.8	80.4	83.2	83.9	84.7	84.8	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 16000	78.9	81.6	84.4	85.1	85.9	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 14000	80.4	83.1	85.9	86.6	87.4	87.5	87.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 12000	84.6	87.3	90.1	90.8	91.6	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 10000	87.8	90.5	93.3	94.1	94.9	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 9000	88.6	91.3	94.1	94.8	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 8000	88.8	91.5	94.3	95.1	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 7000	89.0	91.7	94.5	95.3	96.1	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 6000	89.2	91.9	94.7	95.5	96.3	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 5000	89.6	92.3	95.1	95.8	96.7	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 4500	90.0	92.7	95.5	96.2	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 4000	90.0	92.7	95.6	96.3	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 3500	90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 3000	90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 2500	90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 2000	90.4	93.2	96.2	97.0	97.8	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1800	90.5	93.3	96.3	97.1	98.0	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1500	90.6	93.4	96.5	97.2	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 900	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	90.8	93.7	96.8	97.5	98.4	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	90.9	93.8	96.9	97.6	98.5	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	90.9	93.8	97.0	97.7	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	90.9	93.8	97.0	97.7	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	90.9	93.8	97.1	98.1	98.9	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	79.9	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 18000	80.0	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 16000	81.7	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 14000	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 12000	89.5	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 10000	92.0	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 9000	93.5	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 8000	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 7000	94.7	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	94.9	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 5000	95.4	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500	95.4	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000	95.5	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	95.7	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	95.7	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	95.9	96.6	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	97.0	97.7	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.1	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.5	98.3	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	78.3	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	78.3	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 16000	79.0	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	80.3	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	84.3	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	5.2	85.2	85.2	85.2	85.2	85.2
GE 10000	88.4	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 9000	89.6	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	91.1	91.8	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 7000	91.4	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 6000	92.0	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	92.5	93.2	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	92.7	93.4	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	93.1	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	93.4	94.2	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	93.8	94.6	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	94.8	95.7	96.6	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	95.7	96.8	97.7	98.4	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 1800	95.9	97.0	98.0	98.6	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 1500	96.1	97.2	98.2	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1200	96.1	97.2	98.2	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1000	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 900	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 800	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 700	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 600	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	40.4	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	76.9	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 18000	76.9	77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 16000	76.9	77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14000	78.0	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	81.0	82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 10000	86.0	87.4	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	88.3	89.7	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	90.1	91.8	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	90.2	92.2	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	90.2	92.2	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	90.5	92.7	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	90.8	93.1	93.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	91.2	93.8	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	91.6	94.2	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	92.0	94.6	94.9	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	92.6	95.3	95.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	93.3	96.2	96.7	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
GE 1800	93.4	96.3	96.8	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5
GE 1500	93.9	96.8	97.2	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4
GE 1200	93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.7	99.7	99.7
GE 1000	93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.7	99.7	99.7
GE 900	93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.7	99.7	99.7
GE 800	93.9	96.8	97.2	98.3	99.0	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9
GE 700	93.9	96.8	97.2	98.3	99.0	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9
GE 600	93.9	96.8	97.2	98.3	99.0	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9
GE 500	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0
GE 400	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0
GE 300	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0
GE 200	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0
GE 000	93.9	96.8	97.2	98.3	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	36.1	36.7	37.3	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 20000	77.0	77.0	78.7	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 18000	77.1	78.0	78.8	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 16000	77.2	78.1	78.9	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 14000	77.8	78.9	79.8	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 12000	80.5	81.8	82.7	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 10000	86.5	88.2	89.2	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000	88.1	89.8	91.2	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 8000	90.2	92.3	93.8	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	90.4	92.5	94.0	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	90.5	92.6	94.1	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	90.6	92.8	94.3	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	90.9	93.0	94.5	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4000	91.3	93.5	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	91.6	93.9	95.4	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	92.0	94.4	96.1	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	92.5	94.6	96.3	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	93.5	95.9	97.7	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	93.7	96.0	98.0	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	93.8	96.1	98.1	98.8	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.8	96.1	98.2	98.9	99.2	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	53.5	54.7	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	81.9	82.8	84.0	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 18000	82.0	82.9	84.1	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 16000	82.2	83.0	84.2	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000	82.9	83.8	84.9	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 12000	84.9	85.8	87.0	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 10000	90.1	91.1	92.3	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 9000	92.2	93.1	94.3	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000	94.2	95.2	96.3	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 7000	94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 6000	94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	94.8	95.9	97.2	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000	94.9	96.0	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	95.4	96.6	97.8	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	95.6	96.8	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	95.9	97.1	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	96.0	97.2	98.7	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	96.2	97.4	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	96.2	97.4	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	96.2	97.4	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG HOURS: ALL

CEILING GE 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	IN 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	54.4	55.2	55.6	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	80.3	81.4	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 18000	80.4	81.5	82.4	82.9	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	80.9	82.0	82.9	83.4	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 14000	82.0	83.1	84.1	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 12000	85.1	86.4	87.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	89.0	90.3	91.4	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 9000	90.5	91.9	92.9	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 8000	91.8	93.2	94.3	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 7000	92.0	93.4	94.5	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	92.2	93.7	94.8	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	92.5	94.0	95.1	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	92.7	94.3	95.4	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 4000	93.0	94.5	95.7	96.3	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	93.3	94.9	96.0	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	93.5	95.1	96.3	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	93.8	95.4	96.7	97.3	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	94.4	96.1	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	94.5	96.3	97.7	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1500	94.7	96.5	97.9	98.6	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	94.8	96.5	98.0	98.6	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	94.8	96.5	98.0	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 900	94.8	96.6	98.1	98.7	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	94.8	96.6	98.1	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	94.9	96.6	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	94.9	96.6	98.2	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	94.9	96.7	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	94.9	96.7	98.2	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	94.9	96.7	98.2	98.9	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.9	96.7	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.9	96.7	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.9	96.7	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	81.2	81.9	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 18000	81.6	82.2	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 16000	81.6	82.2	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 14000	81.8	82.4	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 12000	84.1	84.8	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	88.4	89.1	89.7	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
GE 9000	90.7	91.3	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 8000	91.6	92.2	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	92.1	92.8	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	92.2	92.9	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	92.8	93.4	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	93.6	94.2	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	93.7	94.6	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	94.1	95.0	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	94.7	95.6	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	95.3	96.3	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	96.4	97.7	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	96.4	97.7	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	96.8	98.0	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	96.8	98.0	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FLCTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	64.9	66.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	79.2	81.2	82.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 18000	79.2	81.2	82.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 16000	79.4	81.4	82.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 14000	79.4	81.4	82.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	81.4	83.4	84.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10000	85.9	87.9	89.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	87.6	89.6	90.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 8000	88.8	90.8	91.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 7000	89.4	91.4	92.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	89.4	91.4	92.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	89.9	91.9	93.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	90.3	92.3	93.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	90.7	92.7	93.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	91.4	93.4	94.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	92.3	94.4	95.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	92.3	94.6	95.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	93.2	95.7	97.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	93.2	95.8	97.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	93.4	96.0	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	93.4	96.0	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	93.4	96.0	97.6	98.8	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	93.6	96.1	97.7	98.9	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	93.6	96.1	97.7	98.9	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	93.7	96.2	97.8	99.0	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.7	96.2	97.8	99.0	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	53.1	54.2	55.1	55.3	55.3	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	72.9	74.4	76.2	77.6	77.9	77.9	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 18000	73.1	74.7	76.4	77.8	78.1	78.1	78.2	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 16000	74.0	75.6	77.3	78.7	79.0	79.0	79.1	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 14000	75.7	77.2	79.0	80.3	80.7	80.7	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	78.8	80.3	82.1	83.4	83.8	83.8	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	83.9	85.4	87.3	88.7	89.0	89.0	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 9000	84.9	86.4	88.3	89.7	90.0	90.0	90.1	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 8000	86.0	87.6	89.4	90.8	91.1	91.1	91.2	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	86.2	87.8	89.7	91.0	91.3	91.3	91.4	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	86.3	87.9	89.8	91.1	91.4	91.4	91.6	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 5000	86.8	88.3	90.2	91.6	91.9	91.9	92.0	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	87.9	89.4	91.4	92.8	93.1	93.1	93.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	88.0	89.8	91.8	93.1	93.4	93.4	93.6	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	88.2	90.0	92.0	93.6	93.9	93.9	94.0	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	88.7	90.4	92.4	94.0	94.3	94.3	94.4	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	89.0	90.9	92.9	94.6	94.9	94.9	95.0	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	90.9	93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	90.9	93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	90.9	93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	91.1	93.2	95.8	97.6	98.0	98.0	98.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	91.1	93.2	95.9	97.7	98.1	98.1	98.3	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	91.1	93.2	95.9	97.7	98.1	98.1	98.3	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	91.2	93.3	96.0	97.8	98.2	98.2	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	91.6	93.7	96.3	98.1	98.6	98.6	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	91.6	93.7	96.3	98.1	98.6	98.6	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.6	93.7	96.3	98.1	98.6	98.6	98.9	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	91.6	93.7	96.3	98.1	98.6	98.6	98.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	46.2	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	71.0	71.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	71.2	71.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	71.3	71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	73.4	73.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	79.0	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 10000	83.7	83.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 9000	85.7	85.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 8000	86.9	87.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 7000	86.9	87.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000	87.0	87.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	88.1	88.2	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	89.9	90.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000	90.3	90.4	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	91.3	91.4	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	92.0	92.1	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	92.7	92.9	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	95.0	95.6	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	95.1	95.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	95.3	95.9	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	96.0	96.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.0	96.6	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	96.1	96.7	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.2	96.8	98.9	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	47.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000	74.6	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000	74.6	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	74.8	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	75.9	75.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 12000	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	86.3	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	88.2	88.2	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 8000	89.0	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	89.1	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	89.3	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	89.9	90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	90.4	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	91.1	91.4	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	91.6	92.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	92.4	93.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	93.7	94.2	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	95.6	96.2	97.4	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 1800	95.8	96.4	97.7	97.9	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1500	96.1	96.9	98.1	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	96.3	97.1	98.3	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 1000	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 12000	76.0	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10000	83.4	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 9000	85.7	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 8000	86.9	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	87.0	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	87.0	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	87.9	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	89.2	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	89.6	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	90.0	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	91.3	92.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	92.3	93.4	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	94.3	95.4	97.1	97.3	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	94.6	95.8	97.6	97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	95.2	96.4	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	95.2	96.4	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	96.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	47.2	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	71.1	71.8	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	71.6	72.2	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	71.6	72.2	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	72.2	72.9	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	75.4	76.3	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	81.4	82.6	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	85.8	86.9	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	87.9	89.0	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	88.6	89.8	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	88.6	89.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 5000	89.1	90.4	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	89.9	91.2	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	90.8	92.1	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	90.9	92.3	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	92.0	93.4	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	92.7	94.4	96.1	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	93.7	95.4	97.2	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	93.9	95.7	97.4	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	94.2	96.0	97.8	98.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	94.4	96.2	98.0	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	78.0	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 16000	78.0	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 14000	78.2	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	86.7	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	89.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 6000	90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	91.2	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	92.3	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	93.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	93.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	94.8	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	95.4	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	96.4	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	96.6	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	96.7	98.4	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	96.9	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	97.0	98.8	99.4	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
GE 900	97.0	98.8	99.4	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
GE 800	97.0	98.8	99.4	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
GE 700	97.0	98.8	99.4	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
GE 600	97.0	98.8	99.4	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
GE 500	97.0	98.8	99.4	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
GE 400	97.0	98.8	99.4	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
GE 300	97.0	98.8	99.4	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
GE 200	97.0	98.8	99.4	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
GE 100	97.0	98.8	99.4	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
GE 000	97.0	98.8	99.4	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

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.4	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	74.6	75.3	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	74.8	75.6	76.4	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 16000	75.0	75.8	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	76.0	76.8	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 12000	79.6	80.4	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	85.0	85.8	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	87.2	88.0	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	88.4	89.3	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	88.8	89.6	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 6000	88.8	89.7	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 5000	89.5	90.4	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	90.4	91.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	90.9	91.9	93.1	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	91.4	92.5	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	92.3	93.4	94.6	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	92.9	94.2	95.5	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	94.4	95.9	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	94.6	96.0	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	94.8	96.3	97.8	98.5	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	95.0	96.5	98.1	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
GE 1000	95.1	96.6	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	95.1	96.6	98.2	98.8	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.1	96.6	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	95.2	96.7	98.3	99.0	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.2	96.7	98.3	99.0	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.0	66.8	67.5	67.5	67.6	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	77.4	78.3	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 18000	77.4	78.3	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16000	77.4	78.3	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 14000	77.4	78.3	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 12000	78.4	79.2	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 10000	81.9	82.9	83.7	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 9000	82.9	83.9	84.6	84.8	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 8000	85.2	86.1	86.9	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 7000	85.4	86.3	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 6000	86.2	87.2	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	87.4	88.4	89.1	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	88.8	89.8	90.5	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	90.9	91.8	92.6	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	92.6	93.5	94.3	94.6	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	93.4	94.4	95.3	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	94.5	95.6	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	95.5	96.7	97.5	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	95.7	96.9	97.7	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	96.0	97.2	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	96.6	97.7	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.7	97.8	98.8	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	67.0	67.8	69.0	69.6	69.7	70.1	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 20000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	78.0	79.2	80.1	81.4	81.9	82.0	82.5	82.5	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 10000	80.8	82.3	83.1	84.4	84.9	85.1	85.5	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	82.4	83.9	84.7	86.0	86.6	86.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 8000	84.1	85.7	86.6	87.8	88.4	88.5	88.9	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	84.4	86.0	86.9	88.2	88.7	88.8	89.2	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	84.6	86.2	87.1	88.4	88.9	89.0	89.5	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	86.2	87.8	88.7	90.0	90.5	90.6	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4500	87.7	89.4	90.2	91.5	92.0	92.2	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	89.1	90.8	91.6	92.9	93.4	93.5	94.0	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	90.3	91.9	92.8	94.1	94.6	94.7	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	90.4	92.3	93.1	94.4	94.9	95.1	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	91.3	93.1	94.0	95.3	95.8	95.9	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	91.9	94.0	94.8	96.2	96.8	96.9	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	92.0	94.1	95.1	96.5	97.0	97.1	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	92.0	94.2	95.2	96.6	97.1	97.2	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	92.7	94.8	95.8	97.2	97.7	97.8	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.8	94.9	96.0	97.4	98.0	98.1	98.5	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.2	57.8	59.5	61.2	61.8	61.8	62.4	62.4	62.4	62.7	62.9	62.9	63.1	63.1	63.3	63.3
GE 20000	67.0	69.0	70.9	72.9	74.1	74.1	74.6	74.6	74.6	75.2	75.4	75.4	75.6	75.6	75.8	75.8
GE 18000	67.3	69.4	71.2	73.2	74.4	74.4	74.9	74.9	74.9	75.5	75.7	75.7	75.9	75.9	76.1	76.1
GE 16000	67.3	69.4	71.2	73.2	74.4	74.4	74.9	74.9	74.9	75.5	75.7	75.7	75.9	75.9	76.1	76.1
GE 14000	68.2	70.2	72.0	74.1	75.3	75.3	75.8	75.8	75.8	76.3	76.6	76.6	76.8	76.8	77.0	77.0
GE 12000	69.6	71.6	73.4	75.5	76.7	76.7	77.2	77.2	77.2	77.7	78.0	78.0	78.2	78.2	78.4	78.4
GE 10000	71.9	74.3	76.2	78.3	79.5	79.5	80.0	80.0	80.0	80.5	80.8	80.8	81.0	81.0	81.2	81.2
GE 9000	74.0	76.3	78.3	80.5	81.7	81.7	82.3	82.3	82.3	82.8	83.0	83.0	83.2	83.2	83.4	83.4
GE 8000	75.4	77.7	79.7	81.9	83.1	83.1	83.7	83.7	83.7	84.2	84.4	84.4	84.6	84.6	84.8	84.8
GE 7000	76.0	78.4	80.3	82.6	83.8	83.8	84.3	84.3	84.3	84.8	85.1	85.1	85.3	85.3	85.5	85.5
GE 6000	76.5	78.8	80.9	83.1	84.3	84.3	84.8	84.8	84.8	85.4	85.6	85.6	85.8	85.8	86.0	86.0
GE 5000	78.0	80.3	82.4	84.6	85.8	85.8	86.3	86.3	86.3	86.9	87.1	87.1	87.3	87.3	87.5	87.5
GE 4500	80.3	82.8	84.8	87.1	88.3	88.3	88.8	88.8	88.8	89.4	89.6	89.6	89.8	89.8	90.0	90.0
GE 4000	81.6	84.1	86.1	88.5	89.7	89.7	90.2	90.2	90.2	90.8	91.0	91.0	91.2	91.2	91.4	91.4
GE 3500	83.7	86.1	88.2	90.5	91.7	91.7	92.3	92.3	92.3	92.8	93.0	93.0	93.2	93.2	93.4	93.4
GE 3000	84.4	86.9	88.9	91.3	92.5	92.5	93.1	93.1	93.1	93.7	93.9	93.9	94.1	94.1	94.3	94.3
GE 2500	84.6	87.1	89.1	91.7	93.0	93.0	93.7	93.7	93.7	94.2	94.4	94.4	94.6	94.6	94.8	94.8
GE 2000	85.6	88.6	90.8	93.4	94.7	94.7	95.4	95.4	95.4	95.9	96.1	96.1	96.3	96.3	96.7	96.7
GE 1800	85.6	88.8	91.1	93.8	95.1	95.1	95.7	95.7	95.7	96.2	96.5	96.5	96.7	96.7	97.0	97.0
GE 1500	85.7	88.9	91.3	94.0	95.3	95.3	95.9	95.9	95.9	96.5	96.7	96.7	96.9	96.9	97.2	97.2
GE 1200	85.8	89.0	91.4	94.5	95.8	95.8	96.5	96.5	96.5	97.0	97.2	97.2	97.4	97.4	97.7	97.7
GE 1000	85.8	89.0	91.7	94.8	96.1	96.1	96.8	96.8	96.8	97.3	97.5	97.5	97.7	97.7	98.1	98.1
GE 900	85.8	89.2	91.9	95.1	96.5	96.5	97.1	97.1	97.1	97.6	97.8	97.8	98.1	98.1	98.4	98.4
GE 800	85.8	89.4	92.2	95.3	96.8	96.8	97.4	97.4	97.4	98.2	98.4	98.4	98.6	98.6	98.9	98.9
GE 700	85.9	89.5	92.3	95.4	96.9	97.0	97.6	97.6	97.6	98.4	98.6	98.6	98.8	98.8	99.1	99.1
GE 600	85.9	89.6	92.4	95.5	97.0	97.1	97.7	97.7	97.7	98.5	98.7	98.7	98.9	98.9	99.2	99.2
GE 500	85.9	89.6	92.4	95.5	97.1	97.2	97.8	97.8	97.8	98.6	98.8	98.8	99.0	99.0	99.4	99.4
GE 400	85.9	89.6	92.4	95.5	97.1	97.2	97.8	97.8	97.8	98.6	98.8	98.8	99.0	99.0	99.4	99.4
GE 300	85.9	89.6	92.4	95.5	97.1	97.2	97.8	97.8	97.8	98.7	99.0	99.0	99.2	99.2	99.6	99.6
GE 200	85.9	89.6	92.4	95.5	97.1	97.2	98.0	98.0	98.0	98.8	99.1	99.1	99.4	99.4	99.7	99.7
GE 100	85.9	89.6	92.4	95.5	97.1	97.2	98.0	98.0	98.0	98.8	99.2	99.2	99.5	99.5	99.8	99.8
GE 000	85.9	89.6	92.4	95.5	97.1	97.2	98.0	98.0	98.0	98.8	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	73.0	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	74.3	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	76.0	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	79.5	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	81.2	81.5	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	82.3	82.6	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	82.6	82.9	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	83.9	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	85.7	86.0	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	88.5	88.8	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	90.6	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	92.0	92.6	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	92.8	93.3	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	93.1	93.7	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	94.3	94.9	95.4	95.7	95.8	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	94.5	95.2	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	95.4	96.0	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	95.8	96.6	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	95.8	96.6	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	95.9	96.8	97.5	98.1	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.1	97.0	97.7	98.3	98.5	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	96.2	97.1	97.8	98.4	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	96.2	97.1	97.8	98.4	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	96.3	97.2	98.0	98.5	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 9000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	93.1	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	94.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	95.8	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	96.6	96.6	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	97.7	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	98.1	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	98.2	98.2	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	98.4	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	98.4	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	98.4	98.4	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.6	98.6	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.6	98.6	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 8000	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	85.9	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	88.1	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	90.9	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	93.3	93.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	94.1	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	95.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	96.2	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	96.8	97.4	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	97.0	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	97.1	97.7	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	97.2	98.0	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	97.4	98.2	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	97.4	98.2	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	97.4	98.2	98.7	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.4	98.2	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.5	98.3	98.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	75.3	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	75.6	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	77.7	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	82.0	82.9	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
GE 9000	83.4	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	87.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	88.5	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	91.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	93.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	94.9	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	96.8	97.7	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	98.3
GE 1500	96.9	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	97.4	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	97.7	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.7	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 20000	78.2	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	78.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 16000	78.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	78.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	90.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	98.8	99.6	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	100.0
GE 1000	98.8	99.6	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	100.0
GE 900	98.8	99.6	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	100.0
GE 800	98.8	99.6	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	100.0
GE 700	98.8	99.6	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	100.0
GE 600	98.8	99.6	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	100.0
GE 500	98.8	99.6	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	100.0
GE 400	98.8	99.6	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	100.0
GE 300	98.8	99.6	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	100.0
GE 200	98.8	99.6	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	100.0
GE 100	98.8	99.6	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	100.0
GE 000	98.8	99.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.7	61.3	61.8	62.1	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7
GE 20000	74.4	75.1	75.6	76.0	76.3	76.3	76.4	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	74.6	75.3	75.8	76.2	76.5	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 16000	74.6	75.4	75.9	76.3	76.6	76.6	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0
GE 14000	75.1	75.8	76.3	76.7	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 12000	76.7	77.5	78.0	78.4	78.7	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 10000	80.3	81.2	81.7	82.2	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	81.9	82.7	83.3	83.8	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	84.0	84.8	85.4	85.9	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 7000	84.4	85.2	85.8	86.3	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 6000	85.2	86.1	86.7	87.2	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9
GE 5000	86.5	87.4	87.9	88.4	88.7	88.7	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	88.6	89.5	90.1	90.7	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4000	90.2	91.1	91.7	92.3	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 3500	91.8	92.7	93.2	93.9	94.1	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	92.8	93.7	94.3	94.9	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 2500	93.3	94.3	94.9	95.5	95.8	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 2000	94.4	95.6	96.2	96.9	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 1800	94.6	95.8	96.5	97.2	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	94.9	96.1	96.8	97.5	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 1200	95.3	96.6	97.4	98.2	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1000	95.4	96.7	97.6	98.3	98.7	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 900	95.4	96.7	97.6	98.4	98.8	98.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 800	95.5	96.8	97.7	98.5	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 700	95.5	96.8	97.7	98.5	99.0	99.1	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.5	96.9	97.8	98.6	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	95.6	96.9	97.8	98.6	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.6	96.9	97.8	98.7	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	95.6	96.9	97.8	98.7	99.2	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.6	96.9	97.8	98.7	99.2	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	95.6	96.9	97.8	98.7	99.2	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	95.6	96.9	97.8	98.7	99.2	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STTUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.0	60.6	60.8	60.9	60.9	60.9	61.1	61.1	61.6	61.6	61.6	61.9	61.9	62.1	62.1
GE 20000	67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
GE 18000	67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
GE 16000	67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
GE 14000	67.8	68.6	69.3	69.6	69.9	69.9	69.9	70.1	70.1	70.6	70.7	70.7	71.0	71.0	71.2	71.2
GE 12000	69.8	70.6	71.3	71.6	71.9	71.9	71.9	72.1	72.1	72.6	72.7	72.7	73.0	73.0	73.2	73.2
GE 10000	73.0	73.8	74.6	74.8	75.1	75.1	75.1	75.3	75.3	75.8	75.9	75.9	76.2	76.2	76.4	76.4
GE 9000	74.6	75.3	76.1	76.3	76.7	76.7	76.7	76.9	76.9	77.3	77.4	77.4	77.8	77.8	78.0	78.0
GE 8000	76.9	77.7	78.9	79.1	79.6	79.6	79.6	79.8	79.8	80.2	80.3	80.3	80.8	80.8	81.0	81.0
GE 7000	77.1	77.9	79.1	79.3	79.8	79.8	79.8	80.0	80.0	80.4	80.6	80.6	81.0	81.0	81.2	81.2
GE 6000	77.6	78.3	79.6	79.8	80.2	80.2	80.2	80.4	80.4	80.9	81.0	81.0	81.4	81.4	81.7	81.7
GE 5000	79.9	80.7	81.9	82.1	82.6	82.6	82.6	82.8	82.8	83.2	83.3	83.3	83.8	83.8	84.0	84.0
GE 4500	81.6	82.3	83.7	84.0	84.4	84.4	84.4	84.7	84.7	85.1	85.2	85.2	85.7	85.7	85.9	85.9
GE 4000	84.1	84.9	86.6	86.9	87.3	87.3	87.3	87.6	87.6	88.0	88.1	88.1	88.6	88.6	88.8	88.8
GE 3500	86.7	87.6	89.2	89.6	90.0	90.0	90.0	90.2	90.2	90.7	90.8	90.8	91.2	91.2	91.4	91.4
GE 3000	88.9	89.8	91.4	91.8	92.2	92.2	92.2	92.4	92.4	92.9	93.0	93.0	93.4	93.4	93.7	93.7
GE 2500	90.1	91.0	92.7	93.1	93.6	93.6	93.6	93.8	93.8	94.2	94.3	94.3	94.8	94.8	95.0	95.0
GE 2000	90.9	91.8	93.4	93.9	94.3	94.3	94.3	94.6	94.6	95.0	95.1	95.1	95.6	95.6	95.8	95.8
GE 1800	91.0	91.9	93.6	94.0	94.4	94.4	94.4	94.7	94.7	95.1	95.2	95.2	95.7	95.7	95.9	95.9
GE 1500	91.2	92.1	93.8	94.2	94.8	94.8	94.8	95.0	95.0	95.4	95.6	95.6	96.0	96.0	96.2	96.2
GE 1200	92.1	93.1	94.9	95.4	96.0	96.0	96.1	96.3	96.3	96.8	96.9	96.9	97.3	97.3	97.6	97.6
GE 1000	92.1	93.1	94.9	95.4	96.0	96.0	96.1	96.3	96.3	96.8	96.9	96.9	97.3	97.3	97.6	97.6
GE 900	93.0	94.0	95.8	96.3	96.9	96.9	97.0	97.2	97.2	97.7	97.8	97.8	98.2	98.2	98.4	98.4
GE 800	93.2	94.2	96.0	96.6	97.1	97.1	97.2	97.4	97.4	97.9	98.0	98.0	98.4	98.4	98.7	98.7
GE 700	93.9	94.9	96.8	97.3	97.9	97.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.4	99.4
GE 600	94.1	95.1	97.0	97.6	98.1	98.1	98.2	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.7	99.7
GE 500	94.1	95.1	97.0	97.6	98.1	98.1	98.2	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.7	99.7
GE 400	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE 300	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE 200	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE 100	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE 000	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.9	58.7	59.2	59.9	59.9	60.1	60.2	60.2	61.3	61.6	61.6	62.3	62.3	62.8	63.0
GE 20000	66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 18000	66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 16000	66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 14000	67.1	68.0	68.8	69.4	70.1	70.1	70.3	70.4	70.4	71.6	71.9	71.9	72.7	72.7	73.1	73.3
GE 12000	69.2	70.1	70.9	71.6	72.2	72.2	72.4	72.6	72.6	73.7	74.0	74.0	74.8	74.8	75.2	75.4
GE 10000	72.4	73.3	74.1	74.8	75.4	75.4	75.7	75.8	75.8	76.9	77.2	77.2	78.0	78.0	78.4	78.7
GE 9000	74.4	75.3	76.1	76.8	77.4	77.4	77.7	77.8	77.8	78.9	79.2	79.2	80.0	80.0	80.4	80.7
GE 8000	75.8	76.7	77.4	78.1	78.8	78.8	79.0	79.1	79.1	80.2	80.6	80.6	81.3	81.3	81.8	82.0
GE 7000	76.2	77.1	77.9	78.6	79.2	79.2	79.4	79.6	79.6	80.7	81.0	81.0	81.8	81.8	82.2	82.4
GE 6000	76.6	77.4	78.2	78.9	79.6	79.6	79.8	79.9	79.9	81.0	81.3	81.3	82.1	82.1	82.6	82.8
GE 5000	78.0	78.9	79.7	80.3	81.0	81.0	81.2	81.3	81.3	82.4	82.8	82.8	83.6	83.6	84.0	84.2
GE 4500	79.7	80.7	81.4	82.1	82.8	82.8	83.0	83.1	83.1	84.2	84.6	84.6	85.3	85.3	85.8	86.0
GE 4000	81.2	82.3	83.7	84.3	85.0	85.0	85.2	85.3	85.3	86.4	86.8	86.8	87.6	87.6	88.0	88.2
GE 3500	82.7	83.8	85.2	85.9	86.6	86.6	86.8	86.9	86.9	88.0	88.3	88.3	89.1	89.1	89.6	89.8
GE 3000	84.6	85.7	87.2	87.9	88.6	88.6	88.8	88.9	88.9	90.0	90.3	90.3	91.1	91.1	91.6	91.8
GE 2500	86.3	87.4	89.0	89.8	90.4	90.4	90.7	90.8	90.8	91.9	92.2	92.2	93.0	93.0	93.4	93.7
GE 2000	88.0	89.2	91.0	91.8	92.4	92.4	92.7	92.8	92.8	93.9	94.2	94.2	95.0	95.0	95.4	95.7
GE 1800	88.0	89.2	91.0	91.8	92.4	92.4	92.7	92.8	92.8	93.9	94.2	94.2	95.0	95.0	95.4	95.7
GE 1500	88.1	89.4	91.2	92.0	92.7	92.7	92.9	93.0	93.0	94.1	94.4	94.4	95.2	95.2	95.7	95.9
GE 1200	88.7	90.0	91.8	92.7	93.3	93.3	93.6	93.7	93.7	94.8	95.1	95.1	95.9	95.9	96.3	96.6
GE 1000	88.8	90.1	91.9	92.8	93.4	93.4	93.7	93.8	93.8	94.9	95.2	95.2	96.0	96.0	96.4	96.7
GE 900	89.0	90.3	92.1	93.0	93.7	93.7	93.9	94.0	94.0	95.1	95.4	95.4	96.2	96.2	96.7	96.9
GE 800	89.2	90.6	92.4	93.3	94.0	94.0	94.2	94.3	94.3	95.4	95.8	95.8	96.6	96.6	97.0	97.2
GE 700	89.9	91.4	93.4	94.3	95.2	95.2	95.4	95.6	95.6	96.7	97.0	97.0	97.8	97.8	98.2	98.4
GE 600	89.9	91.4	93.4	94.3	95.4	95.4	95.7	95.8	95.8	96.9	97.2	97.2	98.0	98.0	98.4	98.7
GE 500	90.1	91.7	93.7	94.6	95.7	95.7	95.9	96.0	96.0	97.1	97.4	97.4	98.2	98.2	98.7	98.9
GE 400	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.8	97.8	98.6	98.6	99.0	99.2
GE 300	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.8	97.8	98.8	98.8	99.2	99.6
GE 200	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	98.9	98.9	99.3	99.8
GE 100	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	99.0	99.0	99.4	100.0
GE 000	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	49.8	50.4	51.4	52.0	52.0	52.4	52.4	52.4	53.3	53.4	53.4	54.3	54.3	54.9	55.3
GE 20000	60.6	61.6	62.6	63.8	64.4	64.4	64.9	64.9	64.9	65.9	66.0	66.0	66.9	66.9	67.6	68.0
GE 18000	60.9	61.9	62.9	64.1	64.8	64.8	65.2	65.2	65.2	66.2	66.3	66.3	67.2	67.2	67.9	68.3
GE 16000	61.6	62.6	63.7	64.9	65.6	65.6	66.0	66.0	66.0	67.0	67.1	67.1	68.0	68.0	68.7	69.1
GE 14000	61.9	62.9	64.0	65.2	65.9	65.9	66.3	66.3	66.3	67.3	67.4	67.4	68.3	68.3	69.0	69.4
GE 12000	64.4	65.4	66.6	67.8	68.7	68.7	69.2	69.2	69.2	70.2	70.3	70.3	71.2	71.2	71.9	72.3
GE 10000	67.4	68.4	69.6	70.8	71.7	71.7	72.2	72.2	72.2	73.2	73.3	73.3	74.2	74.2	74.9	75.3
GE 9000	69.3	70.3	71.4	72.7	73.6	73.6	74.1	74.1	74.1	75.1	75.2	75.2	76.1	76.1	76.8	77.2
GE 8000	70.3	71.3	72.7	73.9	74.8	74.8	75.4	75.4	75.4	76.4	76.6	76.6	77.4	77.4	78.1	78.6
GE 7000	70.7	71.7	73.0	74.2	75.1	75.1	75.8	75.8	75.8	76.8	76.9	76.9	77.8	77.8	78.4	78.9
GE 6000	71.7	72.7	74.0	75.2	76.1	76.1	76.8	76.8	76.8	77.8	77.9	77.9	78.8	78.8	79.4	79.9
GE 5000	73.7	74.7	76.0	77.2	78.1	78.1	78.8	78.8	78.8	79.8	79.9	79.9	80.8	80.8	81.4	81.9
GE 4500	75.7	76.7	78.0	79.2	80.1	80.1	80.8	80.8	80.8	81.8	81.9	81.9	82.8	82.8	83.4	83.9
GE 4000	77.2	78.2	79.6	80.9	81.9	81.9	82.7	82.7	82.7	83.7	83.8	83.8	84.7	84.7	85.3	85.8
GE 3500	80.0	81.1	82.6	84.0	85.0	85.0	85.8	85.8	85.8	86.8	86.9	86.9	87.8	87.8	88.4	88.9
GE 3000	80.9	82.2	83.7	85.2	86.3	86.3	87.1	87.1	87.1	88.1	88.2	88.2	89.1	89.1	89.8	90.2
GE 2500	82.2	83.6	85.3	87.0	88.1	88.1	88.9	88.9	88.9	89.9	90.0	90.0	90.9	90.9	91.6	92.0
GE 2000	83.1	84.4	86.7	88.6	89.7	89.7	90.7	90.7	90.7	91.7	91.8	91.8	92.7	92.7	93.3	93.8
GE 1800	83.2	84.6	86.9	88.8	89.9	89.9	90.9	90.9	90.9	91.9	92.0	92.0	92.9	92.9	93.6	94.0
GE 1500	83.3	84.8	87.4	89.4	90.6	90.6	91.8	91.8	91.8	92.8	92.9	92.9	93.8	93.8	94.4	94.9
GE 1200	84.0	85.6	88.3	90.3	91.4	91.4	92.8	92.8	92.8	93.8	93.9	93.9	94.8	94.8	95.4	95.9
GE 1000	84.2	85.8	88.7	90.7	91.8	91.8	93.1	93.1	93.1	94.1	94.2	94.2	95.1	95.1	95.8	96.2
GE 900	84.4	86.2	89.2	91.2	92.3	92.3	93.7	93.7	93.7	94.7	94.8	94.8	95.7	95.7	96.3	96.8
GE 800	84.7	86.4	89.4	91.4	92.6	92.6	93.9	93.9	93.9	94.9	95.0	95.0	95.9	95.9	96.6	97.0
GE 700	84.8	86.6	89.6	91.6	92.8	92.8	94.1	94.1	94.1	95.1	95.2	95.2	96.1	96.1	96.8	97.2
GE 600	84.9	86.7	89.8	91.8	93.1	93.1	94.4	94.4	94.4	95.4	95.6	95.6	96.4	96.4	97.1	97.6
GE 500	85.2	87.0	90.1	92.1	93.4	93.4	94.8	94.8	94.8	95.8	95.9	95.9	96.8	96.8	97.6	98.0
GE 400	85.2	87.0	90.1	92.1	93.4	93.4	94.8	94.9	94.9	96.0	96.1	96.1	97.0	97.0	97.8	98.2
GE 300	85.2	87.0	90.1	92.2	93.6	93.6	94.9	95.0	95.0	96.2	96.3	96.3	97.3	97.3	98.4	99.0
GE 200	85.2	87.0	90.1	92.2	93.6	93.6	95.0	95.3	95.3	96.6	96.7	96.7	97.7	97.7	98.9	99.4
GE 100	85.2	87.0	90.1	92.2	93.6	93.6	95.0	95.3	95.3	96.6	96.7	96.7	98.0	98.0	99.2	99.9
GE 000	85.2	87.0	90.1	92.2	93.6	93.6	95.0	95.3	95.3	96.6	96.7	96.7	98.0	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	63.7	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	64.4	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	65.1	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	68.3	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	72.7	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	73.6	74.2	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	76.7	77.3	77.4	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	77.2	77.9	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	79.1	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	81.4	82.2	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	84.0	84.9	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	85.4	86.4	86.7	87.0	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	87.2	88.2	88.4	89.1	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	88.1	89.1	89.3	90.0	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	88.4	89.4	89.7	90.3	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	89.9	91.0	91.4	92.1	92.4	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	90.1	91.2	91.7	92.3	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	90.2	91.3	92.3	93.0	93.3	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	90.8	91.9	93.0	93.7	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	90.9	92.0	93.1	93.8	94.1	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	91.3	92.4	93.7	94.6	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	92.4	93.6	94.8	95.7	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	92.8	93.9	95.1	96.0	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	93.4	94.6	96.0	96.9	97.4	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	94.0	95.2	96.7	97.6	98.1	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	94.2	95.6	97.2	98.1	98.9	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 16000	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 12000	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	74.9	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	78.6	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	78.8	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	79.7	79.9	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	81.8	82.1	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	85.7	86.1	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	87.4	88.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	89.1	89.8	90.8	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	89.8	90.6	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	91.6	92.3	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	92.2	93.3	94.6	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	92.6	93.8	95.0	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	93.3	94.6	95.9	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	94.4	95.7	97.3	97.7	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	94.7	95.9	97.6	97.9	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	95.1	96.3	98.1	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.1	96.3	98.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.1	96.3	98.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.1	96.3	98.1	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	96.3	98.1	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	96.3	98.1	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	96.3	98.1	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	70.8	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	71.0	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	71.7	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	72.0	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	73.6	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	78.8	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	81.3	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	81.8	81.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	82.4	82.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	84.7	84.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	87.3	87.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	88.6	88.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	90.2	90.7	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	90.9	91.3	92.8	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	92.3	92.8	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	93.4	93.9	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	94.0	94.4	96.1	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.1	94.7	96.3	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	94.4	95.3	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	95.1	96.1	98.0	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	68.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	68.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 16000	68.2	68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	69.0	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	70.3	70.4	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	74.6	74.7	75.2	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 9000	76.7	76.8	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000	80.2	80.3	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	80.3	80.4	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	81.0	81.1	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	82.7	82.8	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	84.3	84.9	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	87.3	88.2	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	88.6	89.4	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	90.2	91.2	92.4	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	91.8	93.1	94.3	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	93.1	94.4	95.8	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.2	94.6	95.9	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	93.4	94.9	96.2	96.8	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	93.8	95.6	96.9	97.4	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	94.0	95.8	97.1	97.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	94.1	96.1	97.7	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.1	96.1	97.8	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.1	96.1	97.8	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.4	96.4	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.4	96.4	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.4	96.4	98.1	98.7	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	57.9	57.9	58.3	58.8	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	67.9	67.9	68.3	68.8	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	67.9	67.9	68.3	68.8	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	68.0	68.0	68.4	68.9	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	68.1	68.1	68.6	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	69.4	69.4	69.9	70.3	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	74.3	74.3	74.8	75.2	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	75.9	75.9	76.3	76.8	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	79.0	79.2	79.7	80.1	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	79.1	79.3	79.8	80.2	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	79.4	79.7	80.1	80.6	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	81.3	81.8	82.2	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	84.2	84.7	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	86.0	86.4	87.2	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	87.6	88.0	88.8	89.4	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	89.3	89.9	90.8	91.4	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	90.9	91.4	92.4	93.1	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	92.1	92.9	93.9	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	92.4	93.3	94.3	95.0	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	92.7	93.6	94.7	95.3	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	93.8	94.9	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	94.1	95.2	96.3	97.0	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	94.6	96.0	97.1	97.8	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	94.9	96.3	97.4	98.1	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.2	96.7	97.8	98.4	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	95.2	96.7	97.8	98.4	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.3	96.8	97.9	98.6	99.1	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	53.8	54.2	54.5	54.7	54.7	54.8	54.8	54.8	55.1	55.2	55.2	55.4	55.4	55.6	55.7
GE 20000	66.7	67.2	67.6	68.0	68.2	68.2	68.3	68.4	68.4	68.7	68.8	68.8	69.0	69.0	69.2	69.3
GE 18000	66.9	67.3	67.8	68.2	68.4	68.4	68.5	68.6	68.6	68.9	69.0	69.0	69.2	69.2	69.4	69.5
GE 16000	67.2	67.7	68.1	68.5	68.8	68.8	68.9	68.9	68.9	69.3	69.3	69.3	69.6	69.6	69.7	69.8
GE 14000	67.6	68.1	68.6	68.9	69.2	69.2	69.3	69.3	69.3	69.7	69.7	69.7	70.0	70.0	70.2	70.2
GE 12000	69.5	70.0	70.5	70.8	71.2	71.2	71.3	71.3	71.3	71.7	71.7	71.7	72.0	72.0	72.2	72.2
GE 10000	73.2	73.7	74.2	74.6	74.9	74.9	75.0	75.1	75.1	75.4	75.5	75.5	75.7	75.7	75.9	76.0
GE 9000	74.8	75.2	75.9	76.2	76.6	76.6	76.7	76.7	76.7	77.1	77.2	77.2	77.4	77.4	77.6	77.7
GE 8000	77.3	77.8	78.6	78.9	79.3	79.3	79.4	79.5	79.5	79.8	79.9	79.9	80.1	80.1	80.3	80.4
GE 7000	77.7	78.2	78.9	79.3	79.6	79.6	79.7	79.8	79.8	80.1	80.2	80.2	80.5	80.5	80.6	80.7
GE 6000	78.4	78.9	79.7	80.1	80.4	80.4	80.6	80.6	80.6	81.0	81.0	81.0	81.3	81.3	81.5	81.5
GE 5000	80.4	81.0	81.8	82.2	82.5	82.6	82.7	82.7	82.7	83.1	83.2	83.2	83.4	83.4	83.6	83.7
GE 4500	82.8	83.5	84.3	84.7	85.1	85.1	85.3	85.3	85.3	85.6	85.7	85.7	86.0	86.0	86.1	86.2
GE 4000	84.7	85.4	86.5	87.0	87.4	87.4	87.6	87.6	87.6	88.0	88.0	88.0	88.3	88.3	88.5	88.6
GE 3500	86.5	87.3	88.5	89.0	89.4	89.4	89.6	89.7	89.7	90.0	90.1	90.1	90.4	90.4	90.5	90.6
GE 3000	87.8	88.7	89.9	90.5	91.0	91.0	91.2	91.2	91.2	91.6	91.7	91.7	91.9	91.9	92.1	92.2
GE 2500	89.2	90.1	91.4	92.0	92.5	92.5	92.7	92.8	92.8	93.1	93.2	93.2	93.4	93.4	93.6	93.7
GE 2000	90.3	91.4	92.8	93.5	94.0	94.0	94.3	94.3	94.3	94.7	94.7	94.7	95.0	95.0	95.2	95.2
GE 1800	90.6	91.6	93.1	93.8	94.3	94.3	94.5	94.6	94.6	94.9	95.0	95.0	95.3	95.3	95.4	95.5
GE 1500	90.8	91.9	93.5	94.2	94.8	94.8	95.1	95.2	95.2	95.6	95.6	95.6	95.9	95.9	96.1	96.1
GE 1200	91.5	92.8	94.4	95.2	95.8	95.8	96.2	96.2	96.2	96.6	96.7	96.7	97.0	97.0	97.1	97.2
GE 1000	91.7	93.0	94.7	95.5	96.0	96.1	96.4	96.5	96.5	96.9	96.9	96.9	97.2	97.2	97.4	97.4
GE 900	92.0	93.4	95.1	96.0	96.5	96.6	96.9	97.0	97.0	97.3	97.4	97.4	97.7	97.7	97.8	97.9
GE 800	92.3	93.6	95.4	96.3	96.8	96.9	97.2	97.3	97.3	97.7	97.7	97.7	98.0	98.0	98.2	98.2
GE 700	92.5	93.9	95.7	96.6	97.2	97.2	97.6	97.6	97.6	98.0	98.1	98.1	98.4	98.4	98.5	98.6
GE 600	92.8	94.2	96.0	96.9	97.6	97.7	98.0	98.1	98.1	98.5	98.5	98.5	98.8	98.8	99.0	99.1
GE 500	92.9	94.3	96.2	97.1	97.8	97.9	98.3	98.3	98.3	98.7	98.8	98.8	99.0	99.0	99.2	99.3
GE 400	93.0	94.4	96.3	97.2	98.0	98.1	98.5	98.5	98.5	99.0	99.0	99.0	99.3	99.3	99.5	99.6
GE 300	93.0	94.4	96.3	97.3	98.1	98.2	98.5	98.6	98.6	99.1	99.1	99.1	99.4	99.4	99.7	99.8
GE 200	93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
GE 100	93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.8	100.0
GE 000	93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	53.0	53.9	54.9	55.4	57.0	57.1	57.1	57.1	57.1	57.5	57.5	57.5	58.1	58.1	58.2	58
GE 20000	60.9	61.9	63.1	63.5	65.3	65.4	65.5	65.6	65.6	66.1	66.1	66.1	66.9	66.9	67.0	67
GE 18000	61.0	62.0	63.2	63.7	65.4	65.5	65.6	65.7	65.7	66.2	66.2	66.2	67.0	67.0	67.1	67
GE 16000	61.0	62.0	63.2	63.7	65.4	65.5	65.6	65.7	65.7	66.2	66.2	66.2	67.0	67.0	67.1	67
GE 14000	61.4	62.5	63.7	64.1	65.8	65.9	66.0	66.1	66.1	66.7	66.7	66.7	67.4	67.4	67.5	68
GE 12000	62.6	63.7	64.8	65.3	67.0	67.1	67.2	67.3	67.3	67.8	67.8	67.8	68.6	68.6	68.7	69
GE 10000	64.6	65.7	66.9	67.3	69.0	69.1	69.2	69.4	69.4	69.9	69.9	69.9	70.6	70.6	70.8	71
GE 9000	65.8	67.1	68.3	68.7	70.4	70.5	70.6	70.8	70.8	71.3	71.3	71.3	72.0	72.0	72.2	72
GE 8000	69.7	71.0	72.3	72.7	74.4	74.5	74.6	74.7	74.7	75.3	75.3	75.3	76.0	76.0	76.1	76
GE 7000	70.0	71.3	72.6	73.0	74.7	74.8	74.9	75.1	75.1	75.6	75.6	75.6	76.3	76.3	76.5	77
GE 6000	71.1	72.4	73.9	74.3	76.1	76.2	76.3	76.5	76.5	77.0	77.0	77.0	77.7	77.7	77.8	78
GE 5000	73.4	74.7	76.2	76.7	78.5	78.6	78.7	78.8	78.8	79.4	79.4	79.4	80.1	80.1	80.2	80
GE 4500	74.7	76.0	77.5	78.0	79.8	79.9	80.0	80.1	80.1	80.6	80.6	80.6	81.4	81.4	81.5	82
GE 4000	77.0	78.3	79.8	80.2	82.0	82.2	82.3	82.4	82.4	82.9	82.9	82.9	83.7	83.7	83.8	84
GE 3500	78.7	80.0	81.5	81.9	83.8	83.9	84.0	84.1	84.1	84.6	84.6	84.6	85.4	85.4	85.5	86
GE 3000	80.5	82.2	83.7	84.1	85.9	86.0	86.1	86.2	86.2	86.8	86.8	86.8	87.5	87.5	87.6	88
GE 2500	81.7	83.3	84.8	85.3	87.1	87.2	87.3	87.4	87.4	88.0	88.0	88.0	88.7	88.7	88.8	89
GE 2000	84.1	85.8	87.3	88.0	89.8	89.9	90.0	90.1	90.1	90.6	90.6	90.6	91.4	91.4	91.5	92
GE 1800	84.3	86.0	87.5	88.2	90.0	90.1	90.2	90.3	90.3	90.9	90.9	90.9	91.6	91.6	91.7	92
GE 1500	85.3	87.2	88.8	89.8	91.6	91.7	91.8	91.9	91.9	92.5	92.5	92.5	93.2	93.2	93.3	94
GE 1200	86.2	88.3	90.0	91.0	92.8	92.9	93.0	931	93.1	93.7	93.7	93.7	94.4	94.4	94.5	95
GE 1000	86.6	88.6	90.3	91.3	93.1	93.2	93.3	93.4	93.4	94.0	94.0	94.0	94.7	94.7	94.8	95
GE 900	86.8	89.1	90.9	91.8	93.7	93.8	93.9	94.0	94.0	94.5	94.5	94.5	95.3	95.3	95.4	96
GE 800	86.8	89.1	91.0	91.9	93.8	93.9	94.0	94.1	94.1	94.6	94.6	94.6	95.4	95.4	95.5	96
GE 700	86.9	89.4	91.4	92.4	94.2	94.3	94.4	94.5	94.5	95.1	95.1	95.1	95.8	95.8	95.9	96
GE 600	87.1	89.6	91.8	92.8	94.6	94.7	94.8	94.9	94.9	95.5	95.5	95.5	96.2	96.2	96.3	97
GE 500	87.3	89.8	92.4	93.4	95.3	95.4	95.5	95.6	95.6	96.1	96.1	96.1	96.9	96.9	97.0	97
GE 400	87.5	90.0	92.7	93.8	95.6	95.7	96.1	96.2	96.2	96.8	96.8	96.8	97.5	97.5	97.6	98
GE 300	87.5	90.0	92.7	93.8	95.7	95.9	96.3	96.5	96.5	97.0	97.0	97.0	97.7	97.7	97.8	98
GE 200	87.8	90.3	93.0	94.1	96.0	96.2	96.8	97.0	97.0	97.8	97.8	97.8	98.7	98.7	98.9	99
GE 100	88.0	90.4	93.1	94.2	96.1	96.3	96.9	97.1	97.1	98.0	98.0	98.0	98.8	98.8	99.1	100
GE 000	88.0	90.4	93.1	94.2	96.1	96.3	96.9	97.1	97.1	98.0	98.0	98.0	98.8	98.8	99.1	100

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	50.8	52.0	52.5	53.5	53.7	54.1	54.2	54.2	55.8	55.8	55.8	56.7	56.7	56.9	57.6
GE 20000	59.1	60.8	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.1	67.1	67.3	68.1
GE 18000	59.1	60.8	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.1	67.1	67.3	68.1
GE 16000	59.1	60.8	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.2	67.2	67.4	68.2
GE 14000	59.7	61.3	62.7	63.2	64.3	64.4	64.8	64.9	64.9	66.7	66.7	66.7	67.7	67.7	68.0	68.7
GE 12000	60.0	61.6	63.0	63.5	64.6	64.7	65.2	65.3	65.3	67.0	67.0	67.0	68.1	68.1	68.3	69.0
GE 10000	61.5	63.3	64.7	65.3	66.3	66.5	66.9	67.0	67.0	68.7	68.7	68.7	69.8	69.8	70.0	70.8
GE 9000	62.4	64.2	65.6	66.1	67.2	67.3	67.7	67.8	67.8	69.6	69.6	69.6	70.6	70.6	70.9	71.6
GE 8000	64.6	66.6	68.1	68.6	69.7	69.8	70.2	70.3	70.3	72.0	72.0	72.0	73.1	73.1	73.3	74.1
GE 7000	65.1	67.0	68.5	69.0	70.1	70.2	70.6	70.8	70.8	72.5	72.5	72.5	73.5	73.5	73.8	74.5
GE 6000	65.9	67.8	69.4	69.9	71.1	71.2	71.6	71.7	71.7	73.4	73.4	73.4	74.5	74.5	74.7	75.5
GE 5000	68.9	70.9	72.4	72.9	74.1	74.2	74.6	74.7	74.7	76.5	76.5	76.5	77.5	77.5	77.7	78.5
GE 4500	71.2	73.2	74.9	75.5	76.7	76.8	77.2	77.3	77.3	79.0	79.0	79.0	80.1	80.1	80.3	81.1
GE 4000	72.7	74.9	76.7	77.2	78.4	78.5	78.9	79.0	79.0	80.8	80.8	80.8	81.8	81.8	82.0	82.8
GE 3500	74.4	76.7	78.4	78.9	80.1	80.2	80.6	80.8	80.8	82.5	82.5	82.5	83.5	83.5	83.8	84.5
GE 3000	75.5	78.1	79.8	80.3	81.5	81.6	82.2	82.3	82.3	84.0	84.0	84.0	85.1	85.1	85.3	86.0
GE 2500	77.2	79.8	81.5	82.0	83.2	83.3	83.9	84.0	84.0	85.7	85.7	85.7	86.8	86.8	87.0	87.7
GE 2000	79.2	82.2	84.1	84.6	85.8	85.9	86.5	86.6	86.6	88.3	88.3	88.3	89.4	89.4	89.6	90.3
GE 1800	79.6	82.5	84.4	85.2	86.3	86.5	87.0	87.1	87.1	88.8	88.8	88.8	89.9	89.9	90.1	90.9
GE 1500	80.8	83.7	86.0	86.8	88.0	88.1	88.6	88.7	88.7	90.4	90.4	90.4	91.5	91.5	91.7	92.5
GE 1200	81.2	84.2	86.9	87.7	89.0	89.1	89.7	89.8	89.8	91.5	91.5	91.5	92.6	92.6	92.8	93.5
GE 1000	81.3	84.3	87.0	87.8	89.1	89.2	89.8	89.9	89.9	91.6	91.7	91.7	92.8	92.8	93.0	93.8
GE 900	81.3	84.5	87.2	88.2	89.5	89.6	90.2	90.3	90.3	92.0	92.2	92.2	93.2	93.2	93.4	94.2
GE 800	81.3	84.5	87.3	88.5	89.8	89.9	90.5	90.6	90.6	92.4	92.5	92.5	93.5	93.5	93.8	94.5
GE 700	81.3	84.5	87.4	88.8	90.1	90.2	90.9	91.0	91.0	92.9	93.0	93.0	94.1	94.1	94.3	95.1
GE 600	81.5	84.7	87.8	89.2	90.5	90.6	91.4	91.5	91.5	93.4	93.5	93.5	94.6	94.6	94.8	95.6
GE 500	81.7	84.9	88.2	89.6	90.9	91.0	91.9	92.0	92.0	94.0	94.1	94.1	95.2	95.2	95.4	96.1
GE 400	82.4	85.7	89.1	90.6	91.9	92.0	93.1	93.3	93.3	95.4	95.5	95.5	96.6	96.6	96.8	97.5
GE 300	82.6	85.9	89.4	91.0	92.3	92.4	93.4	93.7	93.7	95.7	95.8	95.8	96.9	96.9	97.1	97.8
GE 200	82.9	86.2	89.7	91.3	92.6	92.7	94.0	94.2	94.2	96.8	96.9	96.9	98.0	98.0	98.5	99.6
GE 100	82.9	86.2	89.7	91.3	92.6	92.7	94.0	94.2	94.2	96.8	96.9	96.9	98.0	98.0	98.9	100.0
GE 000	82.9	86.2	89.7	91.3	92.6	92.7	94.0	94.2	94.2	96.8	96.9	96.9	98.0	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	42.3	43.4	44.0	44.6	44.8	45.8	45.9	46.0	47.2	47.3	47.3	47.7	47.7	48.0	48.4
GE 20000	51.8	53.3	54.7	55.4	56.1	56.3	57.4	57.5	57.6	59.2	59.4	59.4	60.2	60.2	60.5	61.0
GE 18000	52.2	53.7	55.1	55.7	56.5	56.7	57.7	57.8	58.0	59.6	59.7	59.7	60.5	60.5	61.0	61.4
GE 16000	52.2	53.7	55.1	55.7	56.5	56.7	57.7	57.8	58.0	59.6	59.7	59.7	60.5	60.5	61.0	61.4
GE 14000	53.1	54.7	56.1	56.8	57.5	57.7	58.8	58.9	59.0	60.6	60.8	60.8	61.6	61.6	62.0	62.5
GE 12000	54.2	55.8	57.4	58.1	58.8	59.0	60.1	60.2	60.3	61.9	62.0	62.0	62.9	62.9	63.3	63.8
GE 10000	57.3	59.1	61.0	61.7	62.6	62.8	63.9	64.0	64.1	65.7	65.8	65.8	66.7	66.7	67.1	67.5
GE 9000	57.6	59.5	61.4	62.2	63.0	63.2	64.3	64.4	64.5	66.1	66.2	66.2	67.1	67.1	67.5	68.1
GE 8000	59.8	61.8	63.8	64.5	65.4	65.6	66.7	66.8	66.9	68.5	68.6	68.6	69.5	69.5	69.9	70.4
GE 7000	60.2	62.3	64.2	64.9	65.9	66.2	67.3	67.4	67.5	69.1	69.2	69.2	70.1	70.1	70.5	71.1
GE 6000	61.3	63.3	65.4	66.1	67.3	67.6	68.7	68.8	68.9	70.5	70.6	70.6	71.5	71.5	71.9	72.5
GE 5000	64.8	67.1	69.4	70.2	71.4	71.7	72.8	72.9	73.0	74.7	74.8	74.8	75.7	75.7	76.1	76.7
GE 4500	67.6	70.1	72.5	73.3	74.5	74.8	75.9	76.0	76.1	77.8	78.0	78.0	78.8	78.8	79.2	79.9
GE 4000	70.0	72.5	74.8	75.8	77.0	77.3	78.4	78.5	78.6	80.3	80.4	80.4	81.3	81.3	81.7	82.5
GE 3500	71.7	74.2	76.6	77.5	78.7	79.0	80.1	80.2	80.3	82.0	82.2	82.2	83.0	83.0	83.4	84.2
GE 3000	73.1	75.6	78.2	79.2	80.4	80.8	81.8	81.9	82.0	83.8	83.9	83.9	84.7	84.7	85.2	85.9
GE 2500	74.2	76.8	79.5	80.5	81.7	82.0	83.1	83.2	83.3	85.1	85.2	85.2	86.0	86.0	86.5	87.2
GE 2000	76.0	78.8	81.6	82.8	84.1	84.4	85.5	85.6	85.7	87.4	87.5	87.5	88.4	88.4	88.8	89.6
GE 1800	76.5	79.4	82.2	83.3	84.6	84.9	86.0	86.1	86.2	88.0	88.1	88.1	88.9	88.9	89.4	90.1
GE 1500	77.1	80.0	82.8	84.0	85.3	85.6	86.7	86.8	86.9	88.6	88.7	88.7	89.6	89.6	90.0	90.8
GE 1200	77.5	80.4	83.4	84.6	86.3	86.7	87.7	87.8	88.0	89.7	89.8	89.8	90.6	90.6	91.1	91.8
GE 1000	78.2	81.1	84.2	85.4	87.2	87.5	88.6	88.7	88.8	90.5	90.6	90.6	91.5	91.5	91.9	92.7
GE 900	78.4	81.5	84.7	86.0	87.8	88.2	89.2	89.4	89.5	91.2	91.3	91.3	92.2	92.2	92.6	93.3
GE 800	78.4	81.6	84.8	86.2	88.3	88.6	89.8	89.9	90.0	91.7	91.8	91.8	92.7	92.7	93.1	93.9
GE 700	78.6	81.8	85.2	86.8	88.9	89.2	90.4	90.5	90.6	92.4	92.5	92.5	93.3	93.3	93.8	94.5
GE 600	78.7	81.9	85.3	87.0	89.2	89.6	91.0	91.1	91.2	92.9	93.0	93.0	93.9	93.9	94.3	95.1
GE 500	78.8	82.0	85.6	87.3	89.7	90.0	91.7	91.8	91.9	93.7	93.8	93.8	94.6	94.6	95.1	95.8
GE 400	79.1	82.5	86.2	88.0	90.3	90.6	92.5	92.8	92.9	94.6	94.8	94.8	95.8	95.8	96.3	97.1
GE 300	79.1	82.5	86.2	88.2	90.6	91.0	92.8	93.1	93.2	94.9	95.2	95.2	96.1	96.1	96.8	97.7
GE 200	79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.7	95.7	97.0	97.0	97.8	99.1
GE 100	79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.8	95.8	97.1	97.1	98.3	100.0
GE 000	79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.8	95.8	97.1	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	45.3	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	59.9	60.3	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	59.9	60.3	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	60.3	60.8	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	61.1	61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	62.8	63.2	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	66.0	66.6	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	67.5	68.1	68.5	68.6	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	69.8	70.3	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	70.0	70.5	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	71.5	72.4	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	75.3	76.1	77.0	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	79.2	80.1	81.0	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	81.8	82.7	83.5	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	83.0	83.9	84.7	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	84.5	85.4	86.2	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	84.9	85.9	86.9	87.1	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	86.3	87.3	88.5	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 1800	86.7	87.6	89.0	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6
GE 1500	87.2	88.3	89.7	90.2	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3
GE 1200	88.0	89.0	90.4	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.3	92.3
GE 1000	88.8	89.9	91.3	91.9	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1
GE 900	89.0	90.2	91.8	92.6	93.3	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8
GE 800	89.2	90.6	92.3	93.7	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.1
GE 700	89.8	91.3	92.9	94.4	95.3	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	90.0	91.5	93.2	94.7	95.7	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.5	96.5
GE 500	90.0	91.6	93.4	94.9	95.9	96.0	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 400	90.1	91.7	93.8	95.5	96.7	96.8	97.3	97.5	97.5	97.6	97.7	97.7	98.0	98.0	98.1	98.1
GE 300	90.1	91.7	93.8	95.5	96.7	96.8	97.4	97.8	97.8	98.2	98.5	98.5	98.9	98.9	99.0	99.1
GE 200	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.2	99.2	99.5	99.8
GE 100	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.7	100.0
GE 000	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	44.7	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	63.7	63.7	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	74.4	74.4	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	79.9	80.0	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	83.8	84.0	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	85.5	85.7	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	88.6	89.0	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	90.2	90.8	91.2	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	92.0	92.6	93.0	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	92.5	93.0	93.7	93.8	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	93.5	94.1	94.7	94.8	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	95.1	95.9	96.6	96.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	95.3	96.2	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	95.4	96.3	97.0	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	95.6	96.7	97.4	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	96.0	97.1	97.8	98.4	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	96.1	97.2	98.0	98.5	98.7	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	96.1	97.2	98.0	98.6	98.9	98.9	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	76.8	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	78.1	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	80.4	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	83.3	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	84.9	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	87.5	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	89.4	90.0	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	91.7	92.4	92.9	93.2	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	92.6	93.2	93.8	94.3	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	92.9	93.5	94.1	94.6	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	93.5	94.2	94.7	95.4	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	94.6	95.4	96.0	96.8	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	94.7	95.5	96.1	96.9	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	94.7	95.5	96.1	96.9	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	94.7	95.5	96.1	96.9	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	94.8	95.6	96.2	97.0	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	94.9	95.7	96.7	97.6	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.1	95.8	96.8	98.0	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.1	95.8	96.9	98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.1	95.8	96.9	98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	95.8	96.9	98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	95.8	96.9	98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	95.8	96.9	98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	48.4	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	63.2	63.8	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	63.3	63.9	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	63.3	63.9	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	64.6	65.2	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	66.9	67.6	68.1	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	70.6	71.5	71.9	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	71.7	72.7	73.1	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	74.8	75.9	76.5	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	76.1	77.3	77.8	78.0	78.6	78.6	78.6	78.6	7.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	77.2	78.5	79.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	79.9	81.2	81.9	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	82.5	83.8	84.5	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	84.4	85.7	86.6	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	85.6	86.9	87.8	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	87.4	88.7	89.8	90.1	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	89.1	90.4	92.0	92.4	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	90.6	91.9	94.0	94.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	90.8	92.0	94.3	94.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	91.5	92.8	95.2	95.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	92.3	93.7	96.0	96.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	92.3	93.7	96.0	96.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	92.4	93.8	96.1	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	92.8	94.2	96.6	97.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	92.8	94.2	96.6	97.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	93.0	94.5	97.0	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.0	94.5	97.0	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	93.0	94.5	97.0	97.7	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	54.9	55.2	55.5	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.2	56.2
GE 20000	66.5	67.2	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.1
GE 18000	66.5	67.2	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.1
GE 16000	66.6	67.3	67.6	68.2	68.5	68.6	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.2	69.2
GE 14000	67.1	67.8	68.2	68.7	69.0	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.8
GE 12000	69.4	70.1	70.4	71.0	71.3	71.4	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2
GE 10000	71.4	72.2	72.5	73.0	73.3	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.1	74.1	74.2	74.2
GE 9000	72.7	73.4	73.8	74.3	74.6	74.7	74.9	74.9	74.9	75.2	75.2	75.2	75.4	75.4	75.5	75.5
GE 8000	75.7	76.5	76.8	77.4	77.8	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.6	78.6	78.7	78.7
GE 7000	76.1	76.9	77.2	77.8	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.1	79.1
GE 6000	77.0	78.0	78.3	78.9	79.5	79.6	79.8	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.3	80.3
GE 5000	79.1	80.1	80.4	81.1	81.6	81.7	81.9	81.9	81.9	82.2	82.2	82.2	82.4	82.4	82.5	82.5
GE 4500	81.2	82.2	82.5	83.1	83.7	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.5	84.5
GE 4000	83.1	84.1	84.4	85.1	85.7	85.8	86.0	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.7	86.7
GE 3500	86.0	87.0	87.3	88.0	88.6	88.8	89.0	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.7	89.7
GE 3000	87.7	88.9	89.5	90.1	90.8	91.0	91.2	91.2	91.2	91.5	91.5	91.5	91.7	91.7	91.8	91.8
GE 2500	89.0	90.2	91.0	91.7	92.4	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 2000	90.4	91.8	92.7	93.7	94.3	94.5	94.7	94.7	94.7	95.1	95.1	95.1	95.3	95.3	95.4	95.4
GE 1800	90.5	91.9	92.8	93.8	94.4	94.6	94.8	94.8	94.8	95.2	95.2	95.2	95.4	95.4	95.5	95.5
GE 1500	91.2	92.6	93.9	94.8	95.6	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.7	96.7
GE 1200	91.9	93.3	94.6	95.6	96.3	96.6	96.8	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.4	97.4
GE 1000	91.9	93.3	94.6	95.6	96.3	96.6	96.8	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.4	97.4
GE 900	92.2	93.5	94.9	95.9	96.7	96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.7	97.7
GE 800	92.2	93.5	94.9	95.9	96.7	96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.7	97.7
GE 700	92.2	93.7	95.1	96.0	96.8	97.0	97.2	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
GE 600	92.3	93.9	95.3	96.2	97.0	97.2	97.4	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.1	98.1
GE 500	92.4	94.0	95.4	96.6	97.3	97.5	97.7	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE 400	92.4	94.0	95.5	96.8	97.6	97.8	98.2	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.8	98.8
GE 300	92.4	94.0	95.5	96.8	97.8	98.1	98.5	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.2	99.2
GE 200	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.9	99.9
GE 100	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	100.0	100.0
GE 000	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	48.0	48.5	48.7	49.2	49.2	49.4	49.5	49.5	49.9	50.0	50.0	50.2	50.2	50.3	50.5
GE 20000	61.0	61.7	62.4	62.6	63.2	63.3	63.5	63.6	63.6	64.1	64.1	64.1	64.5	64.5	64.6	64.8
GE 18000	61.1	61.9	62.5	62.8	63.4	63.5	63.7	63.8	63.8	64.3	64.3	64.3	64.6	64.6	64.7	65.0
GE 16000	61.3	62.1	62.7	63.0	63.5	63.6	63.8	63.9	63.9	64.4	64.5	64.5	64.8	64.8	64.9	65.1
GE 14000	62.1	62.8	63.5	63.8	64.3	64.4	64.7	64.7	64.7	65.2	65.3	65.3	65.6	65.6	65.7	66.0
GE 12000	63.8	64.6	65.3	65.6	66.2	66.2	66.5	66.5	66.5	67.1	67.1	67.1	67.4	67.4	67.6	67.8
GE 10000	66.7	67.7	68.4	68.7	69.3	69.4	69.6	69.7	69.7	70.2	70.2	70.2	70.6	70.6	70.7	70.9
GE 9000	67.9	68.9	69.6	69.9	70.5	70.6	70.8	70.9	70.9	71.4	71.5	71.5	71.8	71.8	71.9	72.2
GE 8000	70.6	71.7	72.5	72.8	73.4	73.5	73.8	73.8	73.8	74.3	74.4	74.4	74.7	74.7	74.8	75.1
GE 7000	71.1	72.2	73.0	73.3	74.0	74.0	74.3	74.3	74.4	74.9	74.9	74.9	75.3	75.3	75.4	75.6
GE 6000	72.2	73.4	74.2	74.6	75.3	75.4	75.6	75.7	75.7	76.2	76.3	76.3	76.6	76.6	76.7	77.0
GE 5000	75.2	76.4	77.4	77.8	78.5	78.6	78.8	78.9	78.9	79.4	79.4	79.4	79.8	79.8	79.9	80.2
GE 4500	77.9	79.2	80.2	80.6	81.3	81.4	81.7	81.7	81.7	82.3	82.3	82.3	82.6	82.6	82.8	83.0
GE 4000	79.9	81.2	82.2	82.6	83.4	83.5	83.7	83.8	83.8	84.3	84.4	84.4	84.7	84.7	84.8	85.1
GE 3500	81.7	83.0	84.1	84.4	85.2	85.3	85.6	85.6	85.6	86.2	86.2	86.2	86.6	86.6	86.7	86.9
GE 3000	83.3	84.7	85.9	86.3	87.1	87.2	87.5	87.6	87.6	88.1	88.2	88.2	88.5	88.5	88.6	88.9
GE 2500	84.8	86.2	87.5	87.9	88.8	88.9	89.2	89.2	89.3	89.8	89.8	89.8	90.2	90.2	90.3	90.6
GE 2000	86.4	88.0	89.4	90.0	90.9	91.0	91.3	91.4	91.4	92.0	92.0	92.0	92.4	92.4	92.5	92.7
GE 1500	86.7	88.3	89.7	90.4	91.3	91.5	91.7	91.8	91.9	92.4	92.4	92.4	92.8	92.8	92.9	93.2
GE 1000	87.5	89.1	90.7	91.5	92.4	92.6	92.8	93.0	93.0	93.5	93.5	93.5	93.9	93.9	94.0	94.3
GE 800	88.3	90.0	91.7	92.5	93.6	93.7	94.0	94.1	94.1	94.7	94.7	94.7	95.1	95.1	95.2	95.5
GE 600	88.6	90.3	92.1	92.8	93.9	94.0	94.3	94.4	94.5	95.0	95.1	95.1	95.4	95.4	95.5	95.8
GE 500	88.8	90.6	92.4	93.2	94.3	94.4	94.7	94.8	94.8	95.4	95.4	95.4	95.8	95.8	95.9	96.2
GE 400	88.9	90.7	92.6	93.5	94.6	94.8	95.1	95.2	95.3	95.8	95.8	95.8	96.2	96.2	96.3	96.6
GE 300	89.0	90.9	92.8	93.9	95.0	95.2	95.5	95.6	95.7	96.3	96.3	96.3	96.7	96.7	96.8	97.0
GE 200	89.2	91.1	93.1	94.2	95.4	95.6	96.0	96.1	96.1	96.7	96.7	96.7	97.1	97.1	97.2	97.5
GE 100	89.3	91.2	93.3	94.5	95.7	95.9	96.4	96.5	96.5	97.1	97.2	97.2	97.5	97.5	97.6	97.9
GE 50	89.5	91.4	93.7	94.9	96.2	96.3	96.9	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.4	98.6
GE 25	89.5	91.5	93.7	95.0	96.4	96.5	97.2	97.4	97.4	98.1	98.1	98.1	98.6	98.6	98.7	99.0
GE 10	89.6	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.3	99.8
GE 5	89.7	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.5	100.0
GE 0	89.7	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	55.5	56.2	56.5	56.8	56.8	57.0	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE 20000	72.2	72.9	73.8	74.2	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.2
GE 18000	72.3	73.1	73.9	74.3	74.6	74.7	74.8	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.3
GE 16000	72.5	73.3	74.1	74.5	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.5
GE 14000	73.3	74.0	74.9	75.3	75.6	75.7	75.8	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3
GE 12000	75.3	76.1	77.0	77.4	77.7	77.8	77.9	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4
GE 10000	78.9	79.8	80.7	81.1	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.2
GE 9000	80.4	81.3	82.3	82.7	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7
GE 8000	82.3	83.2	84.2	84.7	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.8
GE 7000	82.7	83.7	84.7	85.2	85.6	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2
GE 6000	83.3	84.2	85.3	85.8	86.2	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.8	86.8
GE 5000	84.6	85.6	86.7	87.2	87.6	87.6	87.8	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3
GE 4500	86.1	87.1	88.3	88.8	89.2	89.3	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.9	89.9
GE 4000	87.1	88.3	89.4	90.0	90.4	90.5	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.1	91.1
GE 3500	88.4	89.5	90.8	91.4	91.8	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.5	92.5
GE 3000	89.5	90.7	91.9	92.6	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8
GE 2500	90.3	91.5	92.9	93.5	94.1	94.1	94.3	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8
GE 2000	91.4	92.7	94.2	95.0	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.4
GE 1800	91.6	93.0	94.5	95.2	95.9	95.9	96.2	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.7
GE 1500	92.0	93.4	95.0	95.8	96.4	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.2	97.2
GE 1200	92.4	93.8	95.5	96.3	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE 1000	92.5	94.0	95.6	96.5	97.1	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	98.0	98.0
GE 900	92.6	94.1	95.8	96.6	97.3	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 800	92.7	94.2	95.9	96.8	97.5	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.5
GE 700	92.8	94.4	96.1	97.0	97.8	97.8	98.1	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GE 600	92.9	94.5	96.3	97.2	98.0	98.1	98.4	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 500	93.0	94.6	96.4	97.4	98.2	98.3	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE 400	93.1	94.6	96.5	97.5	98.4	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5
GE 300	93.1	94.7	96.5	97.5	98.4	98.5	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE 200	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0
GE 000	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	32.2	23.1	18.9	24.7	1.1	44.7	1.9	930
03-05	31.7	25.6	15.4	25.6	1.7	42.7	3.0	930
06-08	17.8	31.4	22.3	26.1	2.4	50.8	7.0	930
09-11	10.1	36.1	23.1	29.5	1.2	53.8	2.5	930
12-14	7.8	37.3	25.6	28.9	.3	54.8	.1	930
15-17	8.3	34.7	27.2	29.7	.1	57.0	.3	930
18-20	18.3	31.9	23.9	25.6	.3	49.8	.3	930
21-23	30.6	25.5	19.8	23.7	.4	43.9	.5	930
ALL HOURS	19.0	30.0	22.0	26.0	.0	49.0	1.0	7440

MONTH: FEB HOURS: ALL

00-02	31.6	27.0	18.0	22.5	.9	41.5	2.6	849
03-05	30.0	24.9	20.7	23.7	.7	45.1	4.4	849
06-08	16.8	29.9	20.5	30.7	2.0	53.2	7.1	849
09-11	10.6	32.3	23.4	31.8	1.9	57.1	1.8	849
12-14	7.4	33.9	26.0	32.4	.2	58.7	.4	849
15-17	6.6	35.1	26.0	32.3		58.3	.1	849
18-20	15.7	31.9	24.9	27.6		52.4	.4	849
21-23	29.0	26.0	19.4	25.2	.4	45.0	.9	849
ALL HOURS	18.5	30.1	22.4	28.3	.8	51.4	2.2	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	29.8	32.3	15.7	22.2	.1	38.0	1.2	930
03-05	28.5	31.7	15.4	24.2	.2	39.8	2.7	930
06-08	14.7	32.3	23.4	28.7	.9	53.0	6.2	930
09-11	11.0	36.8	24.9	27.1	.2	52.3	.4	930
12-14	7.6	41.0	28.0	23.4		51.4		930
15-17	9.5	41.9	25.6	23.0		48.6		930
18-20	17.5	32.8	25.3	24.4		49.7	.2	930
21-23	32.7	30.8	15.4	21.2		36.6	.4	930
ALL HOURS	18.0	34.0	21.0	24.0	.0	46.0	1.0	7440

MONTH: APR HOURS: ALL

00-02	40.3	29.7	13.9	16.1		30.0	1.2	900
03-05	37.2	29.8	15.7	17.2	.1	33.0	2.6	900
06-08	19.8	40.9	20.4	18.8	.1	39.3	5.0	900
09-11	14.6	42.7	25.0	17.8		42.8	.4	900
12-14	9.6	43.4	28.0	19.0		47.0		900
15-17	12.0	43.6	24.0	20.4		44.4		900
18-20	21.1	36.8	22.1	19.9	.1	42.1		900
21-23	35.1	30.0	16.2	18.7		34.9	.3	900
ALL HOURS	23.7	37.1	20.7	18.5	.0	39.2	1.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	29.4	39.8	15.9	14.9		30.9	.9	930
03-05	23.1	44.3	18.3	14.3		32.6	2.2	930
06-08	12.7	42.5	27.4	17.2	.2	44.8	4.5	930
09-11	4.7	53.5	26.0	15.7		41.7	.5	930
12-14	1.8	54.9	27.1	16.1		43.2	.3	930
15-17	5.1	48.8	29.2	16.9		46.1	.4	930
18-20	8.5	43.9	27.3	20.3		47.6	.4	930
21-23	24.0	39.4	21.6	15.1		36.7	.1	930
ALL HOURS	13.0	45.0	24.0	16.0	.0	40.0	1.0	7440

MONTH: JUN HOURS: ALL

00-02	16.4	41.6	25.4	16.6		42.0	.1	900
03-05	18.9	43.7	23.2	14.2		37.4	2.3	900
06-08	9.1	40.9	30.4	19.3	.2	50.0	2.6	900
09-11	4.6	42.0	37.8	15.7		53.4	.2	900
12-14	2.3	43.1	35.3	19.2		54.6	.2	900
15-17	4.2	37.2	34.2	24.3		58.6	.6	900
18-20	5.0	31.2	32.4	31.3		63.8	.2	900
21-23	9.8	38.7	28.6	23.0		51.6	.2	900
ALL HOURS	8.8	39.8	30.9	20.5	.0	51.4	.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	15.8	48.8	23.1	12.3		35.4	.4	930
03-05	17.7	54.1	20.6	7.5		28.2	1.0	930
06-08	4.7	50.3	30.8	14.1	.1	44.9	3.5	930
09-11	1.6	47.1	36.9	14.4		51.3	2.3	930
12-14		45.7	40.0	14.2	.1	54.3	1.6	930
15-17	.9	38.9	39.6	20.6		60.2	1.7	930
18-20	1.5	32.3	38.3	28.0		66.2	1.1	930
21-23	7.0	45.4	28.3	19.4		47.6	.5	930
ALL HOURS	6.0	45.0	32.0	16.0	.0	48.0	1.0	7440

MONTH: AUG HOURS: ALL

00-02	11.8	46.8	28.7	12.7		41.4	.9	930
03-05	14.3	55.8	21.0	8.9		29.9	2.7	930
06-08	1.3	53.2	33.9	11.6		45.5	2.8	930
09-11	1.2	45.4	41.6	11.8		53.4	.5	930
12-14	.1	41.1	40.1	18.7		58.8	.9	930
15-17	.5	35.9	40.8	22.8		63.5	.8	930
18-20	1.4	32.0	38.3	28.2	.1	66.6	.6	930
21-23	7.2	39.7	31.4	21.7		53.1	.4	930
ALL HOURS	4.7	43.7	34.5	17.1	.0	51.5	1.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	
00-02	12.3	44.2	25.0	18.4	900
03-05	12.0	50.9	22.0	15.0	900
06-08	1.9	47.7	31.8	18.4	900
09-11	1.3	42.8	38.3	17.6	900
12-14	.2	43.4	38.0	18.3	900
15-17	.8	39.9	37.0	22.2	900
18-20	3.3	40.8	25.8	30.1	900
21-23	9.9	42.7	23.1	24.3	900
ALL HOURS	5.0	44.0	30.0	20.0	7200

MONTH: OCT HOURS: ALL

00-02	21.3	44.4	20.0	14.3	930
03-05	20.6	47.7	17.8	13.8	930
06-08	6.9	51.4	27.3	14.1	930
09-11	5.5	50.4	32.5	11.5	930
12-14	2.2	50.5	34.0	13.3	930
15-17	2.6	52.4	31.1	14.0	930
18-20	10.5	47.1	27.6	14.9	928
21-23	19.2	46.3	18.4	16.1	927
ALL HOURS	11.1	48.8	26.1	14.0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	23.6	37.3	18.9	20.2		39.1	1.6	900
03-05	22.6	38.0	19.0	19.8	.7	39.4	4.3	900
06-08	11.1	40.7	25.3	22.0	.9	48.2	5.9	900
09-11	6.0	42.7	26.9	24.3	.1	51.3	1.0	900
12-14	5.7	39.9	33.0	21.4		54.4		900
15-17	5.8	41.7	28.3	24.2		52.6		900
18-20	14.4	34.1	25.0	26.4		51.4		900
21-23	22.6	34.4	21.1	21.8	.1	43.0	.6	900
ALL HOURS	13.0	38.0	24.0	22.0	.0	47.0	1.0	7200

MONTH: DEC HOURS: ALL

00-02	20.0	35.4	19.5	24.2	1.0	44.6	3.9	930
03-05	22.6	32.4	17.3	26.0	1.7	45.1	5.6	930
06-08	9.0	34.8	25.6	28.1	2.5	56.1	7.0	930
09-11	4.4	35.5	29.6	29.2	1.3	60.1	2.2	930
12-14	3.1	35.4	31.9	29.4	.2	61.5	.4	930
15-17	4.9	31.4	33.4	30.2		63.7	.1	930
18-20	12.7	30.9	30.3	26.1		56.5	.6	930
21-23	22.0	31.2	23.3	23.0	.4	46.8	1.5	930
ALL HOURS	12.4	33.4	26.4	27.0	.9	54.3	2.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
					TOTAL OBSCURATION				
00-02	23.7	37.6	20.3	18.2	.3		38.8	1.3	10959
03-05	23.2	40.0	18.8	17.5	.4		36.8	2.8	10959
06-08	10.4	41.4	26.6	20.7	.8		48.2	4.7	10959
09-11	6.3	42.3	30.5	20.5	.4		51.4	1.0	10959
12-14	4.0	42.5	32.3	21.1	.1		53.5	.3	10959
15-17	5.1	40.2	31.4	23.3	.0		54.8	.3	10959
18-20	10.8	35.5	28.5	25.2	.0		53.7	.3	10957
21-23	20.7	35.9	22.2	21.0	.1		43.4	.5	10956
ALL HOURS	13.0	39.4	26.3	21.0	.3		47.6	1.4	87667

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						2.1	5.3	2.9					.9
GE 90			.3	2.1	8.2	29.4	49.0	45.7	20.6	4.7			13.9
GE 85	.3	1.1	6.5	17.3	36.4	79.1	95.3	95.3	79.1	28.2	6.7	.3	38.5
GE 80	6.8	12.7	20.3	49.7	83.3	98.8	99.4	100.0	97.3	79.8	40.3	15.5	60.3
GE 75	19.7	32.2	53.2	81.2	98.8	100.0	100.0		99.7	96.8	73.3	46.8	76.4
GE 70	42.3	56.2	78.8	96.4	100.0				100.0	99.7	90.3	65.5	86.6
GE 65	67.7	76.3	91.7	99.4						100.0	97.0	85.8	93.6
GE 60	84.2	88.0	97.2	99.7							99.3	92.6	97.0
GE 55	92.6	95.8	99.4	100.0							100.0	96.8	98.8
GE 50	97.7	100.0	99.7									98.1	99.6
GE 45	99.7		99.7									99.0	99.9
GE 40	100.0		100.0									99.7	100.0
GE 35												100.0	100.0
MEAN	67.4	70.3	74.2	79.2	83.3	87.5	89.5	89.2	86.8	82.5	77.2	72.0	80.2
SD	8.10	8.07	6.87	5.40	4.15	3.59	3.08	2.68	3.41	4.05	5.51	8.13	9.16
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.6	.3					.1
GE 75					.9	13.3	30.2	32.8	19.4	4.7	.3		8.8
GE 70			1.5	5.5	25.5	83.9	94.4	96.2	89.7	44.9	17.0	2.3	39.8
GE 65	3.9	6.0	14.2	27.9	66.3	97.3	99.4	99.7	99.4	74.8	48.7	18.4	56.1
GE 60	14.2	24.7	40.6	53.3	89.4	99.4	99.7	100.0	99.4	92.4	67.0	43.5	69.9
GE 55	29.7	45.9	62.8	82.4	97.7	99.7	100.0		100.0	97.9	79.0	57.7	80.4
GE 50	44.5	63.3	80.0	95.5	99.7	100.0				99.7	87.0	72.3	87.6
GE 45	61.6	75.3	92.3	98.5	100.0					100.0	95.0	84.5	92.7
GE 40	81.6	90.8	97.5	100.0							98.3	93.2	97.0
GE 35	92.3	98.9	99.1								99.3	97.4	99.0
GE 33	94.8	99.6	99.1								99.7	98.4	99.3
GE 30	97.1	100.0	99.7								100.0	98.7	99.6
GE 25	98.7		100.0									99.7	99.9
GE 20	99.7											100.0	100.0
GE 15	100.0												100.0
MEAN	48.1	52.2	56.3	60.0	66.0	71.7	73.2	73.5	72.5	67.7	61.6	55.3	63.5
SD	9.84	8.75	8.04	6.32	4.83	3.10	2.71	2.21	2.69	5.18	8.63	9.90	10.65
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85						2.1	9.4	4.4	.3				1.4
GE 80				.9	10.3	55.8	83.9	88.0	60.6	11.7			27.0
GE 75	.3	1.8	9.2	19.7	55.7	97.6	99.4	100.0	97.3	64.2	26.3	6.5	49.8
GE 70	9.7	17.3	30.8	53.9	91.2	99.7	100.0		99.7	92.1	62.0	31.9	67.2
GE 65	24.5	40.3	60.6	87.6	100.0	100.0			100.0	98.2	78.7	53.5	79.8
GE 60	42.6	61.5	79.1	97.3						100.0	89.7	71.6	87.6
GE 55	68.7	78.4	93.2	98.8							97.7	87.7	94.1
GE 50	85.5	90.8	97.5	99.7							99.7	94.5	97.5
GE 45	94.5	98.9	99.7	100.0							100.0	97.7	99.3
GE 40	98.4	100.0	99.7									98.4	99.7
GE 35	99.4		100.0									99.4	99.9
GE 33	99.7											99.7	99.9
GE 30	100.0											100.0	100.0
MEAN	58.0	61.5	65.6	69.9	74.9	79.8	81.6	81.6	79.9	75.4	69.7	63.9	72.1
SD	8.27	7.81	6.94	5.13	3.75	2.64	2.32	1.83	2.36	3.97	6.48	8.53	9.55
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			85*	88	91	93	96	95	93	90	84	85	96*
79	79	81	81	90	90	92	94	91	90	90	85	82	94
80	77	81	85	87	93	94	96	96	92	91	87	80	96
81	75	81	85	87	93	97	97	95	93	92	82	83	97
82	84	84	90	90	89	92	93	93	91	88	85	84	93
83	80	78	81	84	89	90	96	96	93	92	84	84	96
84	83	83	87	86	90	91	92	97	92	88	89	83	97
85	81	87	86	91	92	98	94	91	92	90	86	84	98
86	82	85	89	90	90	93	97	94	92	93	88	84	97
87	85	81	85	89	86	95	96	97	93	83	84	80	97
88	79	86	83	90	92	94	93	92	94	88			94*
GREATEST	85	87	90	91	93	98	97	97	94	93	89	85	98
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 98 OCCURRED ON 06/03/85

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			46*	52	63	68	72	66	69	59	56	49	46*
79	32	35	47	50	54	66	72	70	73	60	42	43	32
80	36	35	29	52	61	62	70	70	65	47	38	38	29
81	19	34	40	50	48	65	55	68	57	58	32	30	19
82	26	41	43	49	56	71	70	72	67	51	51	42	26
83	35	39	40	50	57	68	68	71	65	59	42	22	22
84	40	32	32	48	53	53	65	64	68	58	44	36	32
85	20	33	43	45	58	68	67	69	68	66	46	25	20
86	24	40	36	45	53	67	66	69	68	59	49	48	24
87	31	36	44	40	55	68	68	68	66	52	43	37	31
88	34	37	38	46	57	62	71	69	70	53			34*
LEAST	19	32	29	40	48	53	55	64	57	47	32	22	19
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE LEAST VALUE OF 19 OCCURRED ON 01/14/81

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78			65*	72	77	81	83	82	80	76	72	68	76*
79	59	59	66	74	76	80	84	81	81	76	70	64	72
80	60	57	67	70	77	80	83	82	80	74	69	60	72
81	51	62	63	70	74	81	82	81	79	76	65	60	70
82	60	67	70	72	74	81	81	82	80	74	72	67	73
83	58	61	63	68	74	79	82	82	80	76	66	63	71
84	60	62	66	69	74	77	79	81	78	76	67	66	71
85	55	62	68	70	75	81	80	81	79	79	73	59	72
86	60	65	65	68	74	79	81	81	80	77	75	67	73
87	58	62	65	66	75	80	82	82	80	72	69	64	71
88	59	59	64	70	73	78	81	82	82	73			72*
MEAN	58.0	61.5	65.6	69.9	74.9	79.8	81.6	81.6	79.9	75.4	69.7	63.9	72.1
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	53.7	9.714	930	0	19	129	0	0	930
03-05	52.3	10.250	930	0	26	121	0	0	930
06-08	51.8	10.560	930	0	33	115	0	0	930
09-11	60.0	9.383	930	0	8	324	1	0	930
12-14	65.1	8.658	930	0	2	506	35	0	930
15-17	64.2	8.083	930	0	0	470	14	0	930
18-20	57.9	8.082	930	0	2	217	0	0	930
21-23	55.0	8.923	930	0	11	146	0	0	930
ALL HOURS	57.5	10.416	7440	0	101	2028	50	0	7440

MONTH: FEB

00-02	57.0	8.578	849	0	0	181	0	0	849
03-05	55.8	8.830	849	0	1	150	0	0	849
06-08	55.6	8.989	849	0	0	156	0	0	849
09-11	63.8	8.385	849	0	0	434	2	0	849
12-14	68.0	8.515	849	0	0	584	57	0	849
15-17	66.9	8.155	849	0	0	542	37	0	849
18-20	61.3	7.752	849	0	0	345	1	0	849
21-23	58.4	8.110	849	0	0	223	0	0	849
ALL HOURS	60.8	9.632	6792	0	1	2615	97	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
00-02	60.8	7.741	930	0	2	364	0	0	930
03-05	59.4	8.091	930	0	3	302	0	0	930
06-08	60.2	8.263	930	0	4	332	0	0	930
09-11	68.6	7.182	930	0	0	702	25	0	930
12-14	72.1	7.316	930	0	0	798	124	0	930
15-17	71.2	6.925	930	0	0	793	86	0	930
18-20	65.6	6.692	930	0	0	593	3	0	930
21-23	62.4	7.303	930	0	2	419	0	0	930
ALL HOURS	65.1	8.811	7440	0	11	4303	238	0	7440

MONTH: APR

00-02	63.9	6.344	900	0	0	482	0	0	900
03-05	62.2	6.562	900	0	0	387	0	0	900
06-08	64.7	6.661	900	0	0	505	0	0	900
09-11	74.1	5.501	900	0	0	851	129	0	900
12-14	77.0	5.805	900	0	0	885	335	0	900
15-17	75.9	5.513	900	0	0	881	236	0	900
18-20	70.3	5.325	900	0	0	778	29	0	900
21-23	66.3	5.614	900	0	0	587	1	0	900
ALL HOURS	69.3	8.081	7200	0	0	5356	730	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	69.2	4.418	930	0	0	798	0	0	930
03-05	67.7	4.677	930	0	0	715	0	0	930
06-08	71.3	5.205	930	0	0	835	26	0	930
09-11	79.2	3.842	930	0	0	930	450	0	930
12-14	81.3	4.582	930	0	0	930	609	2	930
15-17	79.4	4.539	930	0	0	928	459	0	930
18-20	74.6	3.942	930	0	0	924	85	0	930
21-23	71.2	4.041	930	0	0	869	2	0	930
ALL HOURS	74.2	6.492	7440	0	0	6929	1631	2	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	74.1	2.908	900	0	0	892	14	0	900
03-05	72.8	3.052	900	0	0	881	2	0	900
06-08	76.3	3.824	900	0	0	894	199	0	900
09-11	83.5	3.418	900	0	0	900	802	4	900
12-14	85.5	4.116	900	0	0	900	833	34	900
15-17	83.3	4.353	900	0	0	900	737	16	900
18-20	78.9	3.259	900	0	0	900	386	1	900
21-23	75.7	2.675	900	0	0	896	59	0	900
ALL HOURS	78.7	5.727	7200	0	0	7163	3032	55	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FRM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	75.7	2.708	930	0	0	929	75	0	930
03-05	74.5	2.682	930	0	0	927	20	0	930
06-08	77.6	3.834	930	0	0	928	300	0	930
09-11	85.5	3.087	930	0	0	930	900	8	930
12-14	87.5	4.086	930	0	0	930	882	68	930
15-17	85.1	5.000	930	0	0	930	804	41	930
18-20	80.4	3.985	930	0	0	930	567	4	930
21-23	77.0	2.922	930	0	0	930	19	0	930
ALL HOURS	80.4	5.892	7440	0	0	7434	3746	121	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	75.7	2.304	930	0	0	930	34	0	930
03-05	74.6	2.042	930	0	0	929	17	0	930
06-08	77.5	3.600	930	0	0	929	277	0	930
09-11	85.4	3.096	930	0	0	930	884	6	930
12-14	87.0	4.144	930	0	0	930	861	44	930
15-17	84.6	4.487	930	0	0	930	799	20	930
18-20	80.0	3.244	930	0	0	930	561	0	930
21-23	77.0	2.217	930	0	0	930	134	0	930
ALL HOURS	80.2	5.600	7440	0	0	7438	3567	70	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	74.7	2.829	900	0	0	896	29	0	900
03-05	73.8	2.892	900	0	0	894	9	0	900
06-08	75.9	3.866	900	0	0	896	174	0	900
09-11	83.3	3.665	900	0	0	900	776	1	900
12-14	84.9	3.975	900	0	0	900	806	7	900
15-17	82.7	3.915	900	0	0	900	724	1	900
18-20	78.2	2.997	900	0	0	899	299	0	900
21-23	76.0	2.688	900	0	0	897	74	0	900
ALL HOURS	78.7	5.249	7200	0	0	7182	2891	9	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	70.8	4.724	930	0	0	829	1	0	930
03-05	69.7	4.953	930	0	0	790	2	0	930
06-08	71.1	5.330	930	0	0	824	30	0	930
09-11	79.3	4.410	930	0	0	928	491	0	930
12-14	81.1	4.191	930	0	0	929	653	2	930
15-17	79.0	4.221	930	0	0	929	456	0	930
18-20	73.9	3.886	928	0	0	902	33	0	928
21-23	72.0	4.455	927	0	0	855	2	0	927
ALL HOURS	74.6	6.235	7435	0	0	6986	1668	2	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	65.4	7.899	900	0	1	593	0	0	900
03-05	64.5	8.089	900	0	0	560	0	0	900
06-08	64.8	8.206	900	0	0	568	1	0	900
09-11	73.0	6.611	900	0	0	794	119	0	900
12-14	75.7	5.989	900	0	0	851	260	0	900
15-17	73.6	5.726	900	0	0	832	105	0	900
18-20	68.0	6.785	900	0	0	687	0	0	900
21-23	66.1	7.723	900	0	0	630	0	0	900
ALL HOURS	68.9	8.304	7200	0	1	5515	485	0	7200

MONTH: DEC

00-02	59.7	9.528	930	0	7	374	0	0	930
03-05	58.6	9.783	930	0	2	315	0	0	930
06-08	58.4	9.938	930	0	13	314	0	0	930
09-11	66.0	9.353	930	0	4	588	16	0	930
12-14	70.3	8.431	930	0	0	737	103	0	930
15-17	68.8	7.955	930	0	0	687	54	0	930
18-20	63.0	8.405	930	0	3	483	0	0	930
21-23	61.0	9.157	930	0	5	428	0	0	930
ALL HOURS	63.2	10.114	7440	0	44	3926	173	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	66.8	9.810	10959	0	29	7397	153	0	10959
03-05	65.5	10.017	10959	0	42	6971	50	0	10959
06-08	67.1	11.174	10959	0	50	7296	1007	0	10959
09-11	75.2	10.493	10959	0	12	9211	4595	19	10959
12-14	78.0	9.612	10959	0	2	9880	5558	157	10959
15-17	76.3	9.129	10959	0	0	9722	4511	78	10959
18-20	71.0	9.422	10957	0	5	8588	1964	5	10957
21-23	68.2	9.562	10956	0	18	7810	470	0	10956
ALL HOURS	71.0	10.911	87667	0	158	66875	18308	259	87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.6	9.956	930	31	551	43	0	0	930
03-05	50.6	10.341	930	40	517	38	0	0	930
06-08	50.1	10.656	930	42	501	37	0	0	930
09-11	55.1	9.662	930	18	674	107	3	0	930
12-14	57.2	8.929	930	8	743	147	12	0	930
15-17	56.9	8.349	930	6	751	122	6	0	930
18-20	54.0	8.743	930	11	645	49	0	0	930
21-23	52.4	9.441	930	26	582	44	0	0	930
ALL HOURS	53.5	9.856	7440	182	4964	587	21	0	7440

MONTH: FEB

00-02	54.7	8.932	849	5	611	53	0	0	849
03-05	53.8	9.146	849	11	589	46	0	0	849
06-08	53.7	9.317	849	11	588	56	0	0	849
09-11	58.1	8.678	849	0	694	153	2	0	849
12-14	59.6	8.259	849	0	722	188	13	0	849
15-17	59.1	8.015	849	0	719	168	7	0	849
18-20	57.0	8.189	849	0	684	83	0	0	849
21-23	55.5	8.567	849	2	642	63	0	0	849
ALL HOURS	56.4	8.937	6792	29	5249	810	22	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	58.2	7.944	930	3	784	139	1	0		930
03-05	57.3	8.223	930	3	765	101	0	0		930
06-08	57.8	8.349	930	4	770	122	0	0		930
09-11	61.4	7.381	930	3	868	247	20	0		930
12-14	62.4	7.082	930	1	882	289	42	0		930
15-17	62.2	6.962	930	0	885	279	24	0		930
18-20	60.4	7.174	930	2	859	198	3	0		930
21-23	59.1	7.751	930	3	805	153	3	0		930
ALL HOURS	59.8	7.834	7440	19	6618	1528	93	0		7440

MONTH: APR

00-02	61.2	6.622	900	0	862	221	5	0		900
03-05	60.2	6.749	900	0	853	191	3	0		900
06-08	61.8	6.555	900	0	864	256	12	0		900
09-11	65.0	5.755	900	0	891	428	57	0		900
12-14	65.5	5.736	900	0	894	462	94	0		900
15-17	65.4	5.463	900	0	894	438	76	0		900
18-20	63.7	5.718	900	0	891	324	25	0		900
21-23	62.4	6.211	900	0	880	270	7	0		900
ALL HOURS	63.2	6.456	7200	0	7029	2590	279	0		7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.6	4.576	930	0	928	530	72	0	930
03-05	65.7	4.842	930	0	927	468	45	0	930
06-08	67.8	4.608	930	0	928	602	136	0	930
09-11	70.2	3.977	930	0	930	755	299	1	930
12-14	70.6	3.968	930	0	930	772	324	2	930
15-17	70.2	3.920	930	0	930	763	293	1	930
18-0	68.7	4.073	930	0	930	677	158	0	930
21-23	67.5	4.507	930	0	930	604	111	0	930
ALL HOURS	68.4	4.701	7440	0	7433	5171	1438	4	7440

MONTH: JUN

00-02	72.1	2.804	900	0	900	859	435	0	900
03-05	71.2	3.012	900	0	900	843	321	0	900
06-08	73.3	2.894	900	0	900	871	602	0	900
09-11	75.4	2.307	900	0	900	893	815	12	900
12-14	75.7	2.548	900	0	900	892	817	36	900
15-17	75.2	2.611	900	0	900	893	799	31	900
18-20	73.9	2.413	900	0	900	890	687	2	900
21-23	72.8	2.465	900	0	900	882	542	0	900
ALL HOURS	73.7	3.068	7200	0	7200	7023	5018	81	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	73.8	2.172	930	0	930	925	688	3	930
03-05	73.1	2.305	930	0	930	918	591	0	930
06-08	74.9	2.605	930	0	930	927	769	18	930
09-11	77.2	1.660	930	0	930	930	919	87	930
12-14	77.5	2.111	930	0	930	930	903	150	930
15-17	76.8	2.404	930	0	930	930	881	113	930
18-20	75.3	2.347	930	0	930	930	827	25	930
21-23	74.2	2.079	930	0	930	929	726	3	930
ALL HOURS	75.4	2.801	7440	0	7440	7419	6304	399	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	74.3	1.856	930	0	930	925	781	0	930
03-05	73.5	1.815	930	0	930	924	690	0	930
06-08	75.1	2.261	930	0	930	928	820	14	930
09-11	77.7	1.431	930	0	930	930	923	96	930
12-14	78.0	1.871	930	0	930	930	915	177	930
15-17	77.2	2.059	930	0	930	930	901	101	930
18-20	75.7	1.780	930	0	930	930	868	11	930
21-23	74.7	1.830	930	0	930	930	800	0	930
ALL HOURS	75.8	2.472	7440	0	7440	7427	6698	399	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

HOURS 1ST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	72.9	2.656	900	0	900	881	551	0	900
03-05	72.2	2.775	900	0	900	873	444	0	900
06-08	73.5	2.966	900	0	900	883	587	7	900
09-11	76.1	2.492	900	0	900	898	810	37	900
12-14	76.3	2.481	900	0	900	898	822	67	900
15-17	75.6	2.566	900	0	900	897	791	38	900
18-20	74.1	2.481	900	0	900	896	700	6	900
21-23	73.3	2.582	900	0	900	890	616	3	900
ALL HOURS	74.3	3.066	7200	0	7200	7116	5321	158	7200

MONTH: OCT

HOURS 1ST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.0	5.029	930	0	928	624	168	0	930
03-05	67.3	5.113	930	0	925	588	123	0	930
06-08	68.2	5.268	930	0	930	630	190	0	930
09-11	71.4	4.439	930	0	930	782	466	1	930
12-14	71.7	4.202	930	0	930	812	475	1	930
15-17	71.2	4.144	930	0	930	799	416	0	930
18-20	69.3	4.620	928	0	928	694	273	0	928
21-23	68.4	4.905	927	0	927	643	202	0	927
ALL HOURS	69.4	5.015	7435	0	7428	5572	2313	2	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	63.2	7.860	900	1	817	408	30	0	900
03-05	62.6	7.998	900	0	804	356	22	0	900
06-08	62.8	8.079	900	0	819	373	38	0	900
09-11	66.9	6.836	900	0	879	592	175	0	900
12-14	67.6	6.369	900	0	893	622	208	0	900
15-17	66.8	6.293	900	0	893	569	161	0	900
18-20	64.5	7.289	900	0	851	464	59	0	900
21-23	63.4	7.895	900	0	831	419	40	0	900
ALL HOURS	64.7	7.614	7200	1	6787	3803	733	0	7200

MONTH: DEC

00-02	57.6	9.673	930	16	730	170	4	0	930
03-05	56.8	9.860	930	17	720	141	2	0	930
06-08	56.6	10.065	930	18	698	147	0	0	930
09-11	61.2	9.345	930	12	817	334	46	0	930
12-14	62.6	8.450	930	3	845	372	77	0	930
15-17	62.1	8.244	930	3	848	338	65	0	930
18-20	59.7	8.906	930	4	794	239	15	0	930
21-23	58.4	9.408	930	6	761	192	9	0	930
ALL HOURS	59.4	9.521	7440	79	6213	1933	218	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	64.6	10.007	10959	56	9871	5778	2735	3	10959
03-05	63.7	10.194	10959	71	9760	5487	2241	0	10959
06-08	64.7	10.815	10959	75	9758	5832	3154	39	10959
09-11	68.0	9.694	10959	33	10343	7049	4535	234	10959
12-14	68.7	9.076	10959	12	10499	7314	4702	433	10959
15-17	68.3	8.879	10959	9	10510	7126	4420	284	10959
18-20	66.4	9.374	10957	17	10242	6374	3615	44	10957
21-23	65.2	9.769	10956	37	10018	6019	3056	6	10956
ALL HOURS	66.2	9.910	87667	310	81001	50979	28458	1043	87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	49.7	11.312	930	30	819	599	64	930
03-05	49.0	11.489	930	29	802	614	76	930
06-08	48.6	11.775	930	34	788	630	73	930
09-11	50.7	12.295	930	47	804	561	110	930
12-14	50.2	12.798	930	51	799	562	112	930
15-17	50.4	12.034	930	44	804	564	86	930
18-20	50.4	11.097	930	31	822	577	67	930
21-23	49.8	11.341	930	34	807	599	60	930
ALL HOURS	49.8	11.811	7440	300	6445	4706	648	7440

MONTH: FEB

00-02	52.8	10.187	849	12	788	456	92	849
03-05	52.2	10.338	849	15	777	463	75	849
06-08	52.1	10.604	849	20	775	465	84	849
09-11	53.4	11.382	849	24	767	413	139	849
12-14	52.8	1.474	849	24	759	424	115	849
15-17	52.8	11.209	849	18	759	430	107	849
18-20	53.3	10.336	849	10	782	425	88	849
21-23	53.1	9.990	849	12	783	429	79	849
ALL HOURS	52.8	10.727	6792	135	6190	3505	779	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FLDY FL
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	56.3	9.013	930	2	899	374	182	930
03-05	55.9	9.057	930	1	898	390	156	930
06-08	56.1	9.371	930	10	895	386	170	930
09-11	56.0	9.959	930	18	892	378	186	930
12-14	55.3	10.000	930	13	886	407	180	930
15-17	55.6	9.907	930	12	888	402	179	930
18-20	56.4	9.325	930	10	897	367	198	930
21-23	56.6	9.078	930	5	909	360	194	930
ALL HOURS	56.0	9.507	7440	71	7164	3064	1445	7440

MONTH: APR

00-02	59.4	7.523	900	0	892	258	273	900
03-05	58.8	7.482	900	0	891	290	248	900
06-08	59.9	7.456	900	1	891	232	286	900
09-11	59.0	8.398	900	2	882	268	274	900
12-14	58.0	8.883	900	0	883	311	239	900
15-17	58.6	8.526	900	0	885	282	248	900
18-20	59.3	7.977	900	0	893	246	273	900
21-23	59.7	7.746	900	0	895	235	297	900
ALL HOURS	59.1	8.054	7200	3	7112	2122	2138	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.2	5.245	930	0	930	49	570	930
03-05	64.6	5.360	930	0	930	57	535	930
06-08	65.9	5.311	930	0	930	40	605	930
09-11	65.4	5.800	930	0	930	61	583	930
12-14	64.8	6.025	930	0	930	74	550	930
15-17	65.3	5.917	930	0	930	70	578	930
18-20	65.3	5.580	930	0	930	52	595	930
21-23	65.4	5.470	930	0	930	56	594	930
ALL HOURS	65.2	5.663	7440	0	7440	459	4610	7440

MONTH: JUN

00-02	71.1	3.247	900	0	900	5	858	900
03-05	70.5	3.282	900	0	900	6	855	900
06-08	72.0	3.130	900	0	900	2	871	900
09-11	71.9	3.225	900	0	900	5	870	900
12-14	71.4	3.663	900	0	900	6	860	900
15-17	71.7	3.491	900	0	900	6	864	900
18-20	71.6	3.072	900	0	900	2	876	900
21-23	71.5	3.044	900	0	900	2	878	900
ALL HOURS	71.5	3.382	7200	0	7200	34	6932	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	73.0	2.133	930	0	930	0	927	930
03-05	72.5	2.284	930	0	930	0	922	930
06-08	73.8	2.548	930	0	930	1	926	930
09-11	73.8	2.435	930	0	930	0	928	930
12-14	73.4	2.566	930	0	930	0	925	930
15-17	73.5	2.626	930	0	930	0	925	930
18-20	73.3	2.307	930	0	930	0	930	930
21-23	73.0	2.205	930	0	930	0	927	930
ALL HOURS	73.3	2.534	7440	0	7440	1	7410	7440

MONTH: AUG

00-02	73.7	1.939	930	0	930	0	929	930
03-05	73.1	1.883	930	0	930	0	927	930
06-08	74.2	2.087	930	0	930	0	929	930
09-11	74.7	1.845	930	0	930	0	930	930
12-14	74.4	2.368	930	0	930	0	929	930
15-17	74.2	2.307	930	0	930	0	930	930
18-20	74.0	1.939	930	0	930	0	929	930
21-23	73.8	1.920	930	0	930	0	930	930
ALL HOURS	74.0	2.187	7440	0	7440	0	7433	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	72.0	3.090	900	0	900	0	881	90
03-05	71.6	2.990	900	0	900	0	872	900
06-08	72.5	3.167	900	0	900	0	878	900
09-11	73.0	3.322	900	0	900	1	882	900
12-14	72.7	3.189	900	0	900	0	883	900
15-17	72.6	3.354	900	0	900	2	877	900
18-20	72.4	3.124	900	0	900	2	875	900
21-23	72.1	3.114	900	0	900	3	880	900
ALL HOURS	72.4	3.288	7200	0	7200	5	7028	7200

MONTH: OCT

00-02	66.5	5.855	930	0	930	49	642	930
03-05	66.0	5.846	930	0	930	52	613	930
06-08	66.6	6.042	930	0	930	56	643	930
09-11	67.3	6.107	930	0	930	48	660	930
12-14	66.9	5.884	930	0	930	61	648	930
15-17	67.2	5.689	930	0	930	37	666	930
18-20	66.8	5.847	928	0	928	48	644	930
21-23	66.4	5.998	927	0	927	58	626	930
ALL HOURS	66.7	5.972	7435	0	7435	409	5142	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	61.9	8.429	900	0	894	187	438	900
03-05	61.5	8.497	900	0	891	186	421	900
06-08	61.6	8.600	900	0	891	204	429	900
09-11	63.3	8.630	900	0	893	164	514	900
12-14	62.7	8.700	900	0	894	172	481	900
15-17	62.6	8.570	900	0	894	170	478	900
18-20	62.2	8.497	900	0	898	189	465	900
21-23	61.8	8.758	900	0	891	206	446	900
ALL HOURS	62.2	8.619	7200	0	7146	1478	3672	7200

MONTH: DEC

00-02	56.0	10.758	930	15	875	369	234	930
03-05	55.4	10.772	930	16	866	392	202	930
06-08	55.2	10.899	930	14	867	403	201	930
09-11	57.6	11.159	930	23	876	337	300	930
12-14	57.1	10.950	930	22	877	347	282	930
15-17	57.3	10.836	930	15	883	331	271	930
18-20	57.1	10.612	930	14	890	338	275	930
21-23	56.4	10.690	930	12	884	365	257	930
ALL HOURS	56.5	10.880	7440	131	7018	2882	2022	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	63.2	10.855	10959	59	10687	2346	6090	10959
03-05	62.6	10.944	10959	61	10645	2450	5902	10959
06-08	63.2	11.423	10959	79	10627	2419	6095	10959
09-11	63.	11.322	10959	114	10634	2236	6376	10959
12-14	63.4	11.482	10959	110	10618	2364	6204	10959
15-17	63.5	11.284	10959	89	10633	2294	6209	10959
18-20	63.6	10.843	10957	65	10700	2246	6215	10957
21-23	63.3	10.854	10956	63	10686	2313	6168	10956
ALL HOURS	63.3	11.134	87667	640	85230	18668	49259	87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.9	98.7	96.8	91.2	78.2	54.1	86.6	930
03-05	100.0	100.0	100.0	100.0	99.5	97.2	93.8	83.7	62.3	89.0	930
06-08	100.0	100.0	100.0	100.0	98.7	97.1	94.3	85.7	63.9	89.3	930
09-11	100.0	100.0	99.1	97.1	90.5	78.7	58.9	38.8	18.2	72.7	930
12-14	100.0	99.1	95.6	89.4	75.7	51.9	30.8	15.7	6.8	60.8	930
15-17	100.0	99.0	95.7	88.8	79.2	60.8	37.7	18.2	7.4	63.1	930
18-20	100.0	100.0	99.7	98.0	94.1	87.6	74.5	52.4	22.8	77.1	930
21-23	100.0	100.0	99.9	99.5	97.8	94.0	85.	67.6	41.5	83.0	930
ALL HOURS	100.0	99.8	98.8	96.6	91.8	83.0	70.8	55.0	34.6	83.0	7440

MONTH: FEB

00-02	100.0	100.0	100.0	99.9	99.6	97.3	91.0	78.2	51.0	86.3	849
03-05	100.0	100.0	100.0	99.6	99.1	97.5	93.3	84.9	58.3	88.2	849
06-08	100.0	100.0	100.0	99.8	98.8	96.7	93.1	82.3	60.8	88.2	849
09-11	100.0	100.0	99.3	95.6	88.1	75.3	55.4	33.5	15.7	70.7	849
12-14	100.0	99.9	96.3	87.5	75.6	51.9	28.2	13.8	4.9	60.3	849
15-17	100.0	99.8	96.9	89.6	77.9	58.8	35.0	18.1	7.2	62.7	849
18-20	100.0	99.8	99.6	98.5	95.1	86.1	71.7	49.7	20.3	76.2	849
21-23	100.0	100.0	100.0	100.0	99.6	96.0	85.4	69.5	39.1	83.2	849
ALL HOURS	100.0	99.9	99.0	96.3	91.7	82.4	69.1	53.8	32.2	83.2	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	99.8	99.6	98.1	91.9	78.1	45.6	85.8		930
03-05	100.0	100.0	100.0	99.8	99.6	98.3	94.5	84.6	59.9	88.4		930
06-08	100.0	100.0	100.0	99.9	99.0	96.7	91.4	79.8	54.8	86.9		930
09-11	100.0	100.0	98.9	95.2	86.3	65.3	39.6	20.2	6.1	65.6		930
12-14	100.0	100.0	97.5	89.0	69.7	40.8	18.9	8.4	3.5	57.2		930
15-17	100.0	100.0	97.7	91.6	73.8	49.1	26.5	10.3	5.3	59.7		930
18-20	100.0	100.0	99.8	98.6	93.9	84.1	63.5	35.8	12.9	73.2		930
21-23	100.0	100.0	100.0	100.0	99.6	96.6	86.1	63.0	29.8	81.7		930
ALL HOURS	100.0	100.0	99.2	96.7	90.2	78.6	64.1	47.5	27.2	81.7		7440

MONTH: APR

00-02	100.0	100.0	100.0	100.0	99.8	98.3	93.1	77.7	46.6	85.8		900
03-05	100.0	100.0	100.0	100.0	99.9	99.0	95.7	87.7	60.0	88.9		900
06-08	100.0	100.0	100.0	100.0	99.2	95.8	89.2	72.6	48.1	85.0		900
09-11	100.0	100.0	99.0	94.1	79.8	54.0	23.0	8.2	3.1	60.8		900
12-14	100.0	100.0	96.3	82.3	60.8	34.4	11.1	5.3	2.1	53.6		900
15-17	100.0	100.0	97.3	85.4	68.6	42.4	18.9	6.9	4.3	56.9		900
18-20	100.0	100.0	99.9	98.1	90.1	75.6	54.6	26.9	8.4	69.7		900
21-23	100.0	100.0	100.0	99.9	98.6	93.3	81.6	59.1	26.8	80.1		900
ALL HOURS	100.0	100.0	99.1	95.0	87.1	74.1	58.4	43.0	24.9	80.1		7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.8	82.3	51.6	87.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.9	88.1	71.1	90.3	930
06-08	100.0	100.0	100.0	100.0	99.2	95.6	86.2	67.6	45.6	83.9	930
09-11	100.0	100.0	100.0	98.7	88.5	63.4	29.0	8.1	3.0	63.6	930
12-14	100.0	100.0	99.0	95.1	76.9	45.8	15.6	5.8	3.0	58.8	930
15-17	100.0	100.0	99.4	97.0	86.8	63.0	28.6	10.4	4.7	63.4	930
18-20	100.0	100.0	99.8	99.6	97.6	89.0	65.7	32.3	9.9	73.9	930
21-23	100.0	100.0	100.0	100.0	99.8	98.0	89.5	63.9	29.8	82.4	930
ALL HOURS	100.0	100.0	99.8	98.8	93.6	81.7	63.5	44.8	27.3	82.4	7440

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.8	91.3	69.6	90.5	900
03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.6	95.3	83.9	92.9	900
06-08	100.0	100.0	10.0	100.0	100.0	99.6	95.7	77.4	50.1	87.1	900
09-11	100.0	100.0	100.0	99.8	98.1	83.7	46.2	11.7	2.9	68.9	900
12-14	100.0	100.0	100.0	98.8	91.6	66.4	27.1	7.4	2.9	63.9	900
15-17	100.0	100.0	100.0	99.1	94.9	81.0	49.3	15.1	5.8	69.2	900
18-20	100.0	100.0	100.0	100.0	99.7	97.4	83.9	43.7	16.1	79.1	900
21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.2	84.4	42.6	87.1	900
ALL HOURS	100.0	100.0	100.0	99.7	98.0	91.0	74.5	53.3	34.2	87.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.7	71.9	91.4	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	98.3	85.8	93.7	930
06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.3	82.0	54.2	88.4	930
09-11	100.0	100.0	100.0	100.0	99.7	85.8	49.0	8.3	1.8	68.7	930
12-14	100.0	100.0	100.0	100.0	94.8	66.3	25.4	7.1	2.9	63.9	930
15-17	100.0	100.0	100.0	99.9	97.4	81.1	45.1	15.9	8.7	69.2	930
18-20	100.0	100.0	100.0	100.0	99.9	98.1	87.4	44.6	16.9	79.5	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	87.1	47.2	87.8	930
ALL HOURS	100.0	100.0	100.0	100.0	99.0	91.4	75.4	55.0	36.2	87.8	7440

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.4	84.3	93.3	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.4	94.3	95.2	930
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.8	86.9	64.4	90.2	930
09-11	100.0	100.0	100.0	100.0	99.5	90.4	59.2	13.9	3.2	71.0	930
12-14	100.0	100.0	100.0	99.9	97.0	76.0	34.7	10.8	5.6	67.0	930
15-17	100.0	100.0	100.0	99.8	98.3	89.6	58.2	21.6	9.7	72.1	930
18-20	100.0	100.0	100.0	100.0	99.9	99.4	95.4	60.1	21.4	82.5	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.9	95.2	60.4	77.0	930
ALL HOURS	100.0	100.0	100.0	100.0	99.3	94.4	80.7	60.8	42.9	90.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.8	98.3	91.6	74.8	91.6	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.2	93.3	81.2	93.2	900
06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	85.8	63.0	89.7	900
09-11	100.0	100.0	100.0	99.8	98.7	90.9	62.6	18.2	6.6	72.0	900
12-14	100.0	100.0	100.0	99.8	97.8	78.8	41.7	10.9	4.3	67.5	900
15-17	100.0	100.0	100.0	100.0	98.8	90.2	60.4	20.3	8.3	72.4	900
18-20	100.0	100.0	100.0	100.0	100.0	99.7	91.9	61.7	26.2	82.8	900
21-23	100.0	100.0	100.0	100.0	100.0	99.8	96.8	84.3	53.2	88.1	900
ALL HOURS	100.0	100.0	100.0	99.9	99.4	94.8	80.9	58.3	39.7	88.1	7200

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	97.3	91.1	76.9	57.3	86.9	930
03-05	100.0	100.0	100.0	100.0	100.0	97.4	91.5	80.9	65.2	88.7	930
06-08	100.0	100.0	100.0	100.0	99.7	96.8	89.4	75.4	56.1	86.6	930
09-11	100.0	100.0	100.0	99.8	93.7	74.2	41.7	15.2	5.5	67.7	930
12-14	100.0	100.0	100.0	99.4	89.6	59.6	28.2	6.9	1.6	62.9	930
15-17	100.0	100.0	100.0	99.6	96.1	76.3	43.8	14.4	4.0	67.9	930
18-20	100.0	100.0	100.0	100.0	99.9	95.3	80.0	49.8	17.2	79.0	928
21-23	100.0	100.0	100.0	100.0	99.7	95.4	87.2	67.3	37.0	83.1	927
ALL HOURS	100.0	100.0	100.0	99.8	97.3	86.5	69.1	48.3	30.5	83.1	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.9	99.0	95.0	84.0	61.4	88.7	900
03-05	100.0	100.0	100.0	100.0	99.9	99.3	95.6	87.2	67.9	90.1	900
06-08	100.0	100.0	100.0	100.0	100.0	98.9	95.3	86.1	66.2	89.7	900
09-11	100.0	100.0	100.0	99.2	95.6	85.3	58.7	32.4	12.8	72.8	900
12-14	100.0	100.0	99.4	97.1	89.0	69.3	35.0	14.8	4.4	65.4	900
15-17	100.0	100.0	99.7	97.8	92.1	79.0	51.0	22.8	7.8	69.7	900
18-20	100.0	100.0	100.0	100.0	99.6	96.7	87.2	65.8	32.4	82.3	900
21-23	100.0	100.0	100.0	100.0	99.9	98.7	90.7	78.6	51.8	86.4	900
ALL HOURS	100.0	100.0	99.9	99.3	97.0	90.8	76.1	59.0	38.1	86.4	7200

MONTH: DEC

00-02	100.0	100.0	100.0	99.8	99.2	97.8	91.9	82.7	60.9	88.1	930
03-05	100.0	100.0	100.0	99.9	99.5	97.5	92.6	86.0	67.6	89.5	930
06-08	100.0	100.0	100.0	100.0	99.7	97.8	94.0	85.2	66.7	89.5	930
09-11	100.0	100.0	100.0	99.0	96.0	87.0	67.3	40.2	18.4	75.2	930
12-14	100.0	100.0	98.8	95.9	88.8	64.5	32.4	11.3	3.5	64.1	930
15-17	100.0	99.8	99.0	96.0	91.0	74.3	46.6	20.0	7.4	68.0	930
18-20	100.0	100.0	100.0	99.5	98.0	94.9	85.5	63.4	31.6	81.7	930
21-23	100.0	100.0	99.9	99.7	99.5	96.7	89.0	75.9	48.4	85.3	930
ALL HOURS	100.0	100.0	99.7	98.7	96.5	88.8	74.9	58.1	38.1	85.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.9	99.7	98.6	94.8	84.7	60.8	88.6	10959
03-05	100.0	100.0	100.0	99.9	99.8	98.8	95.8	89.1	71.5	90.7	10959
06-08	100.0	100.0	100.0	100.0	99.5	97.9	93.5	80.6	57.8	87.9	10959
09-11	100.0	100.0	99.7	98.2	92.9	77.8	49.2	20.7	8.1	69.1	10959
12-14	100.0	99.9	98.6	94.6	84.0	58.8	27.4	9.8	3.8	62.1	10959
15-17	100.0	99.9	98.8	95.4	88.0	70.5	41.8	16.2	6.7	66.2	10959
18-20	100.0	100.0	99.9	99.4	97.3	92.0	78.5	48.8	19.7	78.1	10957
21-23	100.0	100.0	100.0	99.9	99.5	97.4	90.7	74.7	42.3	84.9	10956
ALL HOURS	100.0	100.0	99.6	98.4	95.1	86.5	71.5	53.1	33.8	78.4	87667

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1019.9	1019.1	1017.8	1016.7	1016.2	1016.6	1018.2	1017.3	1016.4	1017.3	1018.5	1020.4	1017.9
	SD	5.031	5.072	5.820	4.146	3.010	2.627	2.251	2.494	3.330	3.136	3.727	4.025	4.092
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	1019.4	1018.3	1017.0	1016.0	1015.6	1016.0	1017.5	1016.6	1015.7	1016.6	1018.0	1020.0	1017.2
	SD	5.069	5.081	5.772	4.044	2.970	2.636	2.240	2.467	3.000	3.127	3.681	4.029	4.076
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	1019.9	1019.1	1017.9	1017.2	1016.7	1017.1	1018.5	1017.6	1016.6	1017.6	1018.8	1020.6	1018.1
	SD	5.217	5.128	5.870	4.145	2.989	2.682	2.175	2.484	2.967	3.177	3.695	4.093	4.070
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	1021.4	1020.4	1019.2	1018.0	1017.4	1017.7	1019.2	1018.4	1017.6	1018.6	1020.0	1022.1	1019.2
	SD	5.271	5.192	5.913	4.279	3.086	2.760	2.283	2.540	3.005	3.282	3.769	4.181	4.215
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	1019.8	1019.3	1018.3	1017.1	1016.8	1017.1	1018.6	1017.7	1016.8	1017.4	1018.5	1020.4	1018.1
	SD	5.314	5.260	6.025	4.475	3.276	2.801	2.314	2.647	3.090	3.357	3.940	4.332	4.221
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1018.7	1017.9	1016.7	1015.7	1015.5	1015.9	1017.4	1016.4	1015.5	1016.4	1017.6	1019.5	1016.9
	SD	5.213	5.347	6.069	4.592	3.317	2.843	2.278	2.632	3.126	3.381	3.981	4.396	4.278
	TOT OBS	310	283	310	299	310	300	310	310	299	310	300	310	3651
1900	MEAN	1019.5	1018.4	1017.1	1015.8	1015.6	1016.0	1017.5	1016.6	1015.9	1017.0	1018.3	1020.3	1017.3
	SD	5.002	5.342	5.941	4.481	3.207	2.705	2.273	2.564	3.211	3.282	3.829	4.242	4.248
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200	MEAN	1020.3	1019.3	1018.2	1016.9	1016.0	1017.1	1018.5	1017.6	1017.0	1017.9	1019.0	1020.9	1018.3
	SD	4.936	5.214	5.827	4.315	3.086	2.640	2.227	2.529	2.766	3.202	3.751	4.163	4.097
	TOT OBS	306	283	310	300	310	300	310	310	298	309	300	307	3643
ALL HOURS	MEAN	1019.9	1019.0	1017.8	1016.7	1016.3	1016.7	1018.2	1017.3	1016.4	1017.3	1018.6	1020.5	1017.9
	SD	5.185	5.254	5.954	4.379	3.189	2.781	2.332	2.627	3.138	3.312	3.855	4.244	4.216
	TOT OBS	2476	2264	2480	2399	2480	2400	2480	2480	2397	2478	2400	2477	29211

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.12	30.09	30.06	30.02	30.01	30.02	30.07	30.04	30.01	30.04	30.08	30.13	30.06
	SD	.149	.150	.172	.122	.089	.078	.066	.074	.098	.093	.110	.119	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.10	30.07	30.03	30.00	29.99	30.00	30.05	30.02	29.99	30.02	30.06	30.12	30.04
	SD	.150	.150	.171	.119	.088	.078	.066	.073	.089	.092	.109	.119	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.12	30.09	30.06	30.04	30.02	30.03	30.08	30.05	30.02	30.05	30.09	30.14	30.07
	SD	.154	.151	.173	.122	.088	.079	.064	.073	.088	.094	.109	.121	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.16	30.13	30.10	30.06	30.04	30.05	30.10	30.07	30.05	30.08	30.12	30.18	30.10
	SD	.156	.153	.175	.126	.091	.081	.067	.075	.089	.097	.111	.123	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.11	30.10	30.07	30.04	30.02	30.03	30.08	30.05	30.03	30.04	30.08	30.13	30.07
	SD	.157	.155	.178	.132	.097	.083	.068	.078	.092	.099	.116	.128	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.08	30.06	30.02	29.99	29.99	30.00	30.04	30.01	29.99	30.01	30.05	30.11	30.03
	SD	.154	.158	.179	.136	.098	.084	.067	.078	.092	.100	.118	.130	.126
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
1900	MEAN	30.11	30.07	30.03	30.00	29.99	30.00	30.05	30.02	30.00	30.03	30.07	30.13	30.04
	SD	.148	.158	.176	.132	.095	.080	.067	.076	.095	.097	.113	.125	.125
	TOT OBS	310	283	310	300	30	300	310	310	300	309	300	310	3652
2200	MEAN	30.13	30.10	30.07	30.03	30.02	30.03	30.08	30.05	30.03	30.06	30.09	30.15	30.07
	SD	.146	.154	.172	.127	.091	.078	.066	.075	.110	.095	.111	.123	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN	30.12	30.09	30.05	30.02	30.01	30.02	30.07	30.04	30.01	30.04	30.08	30.14	30.06
	SD	.153	.155	.176	.129	.094	.082	.069	.077	.096	.098	.114	.125	.125
	TOT OBS	2480	2264	2480	2399	2480	2400	2480	2480	2400	2478	2400	2480	29221

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.10	30.07	30.04	30.00	29.99	30.00	30.05	30.02	29.99	30.02	30.06	30.11	30.04
	SD	.148	.150	.172	.122	.089	.078	.067	.074	.098	.093	.110	.119	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.08	30.05	30.01	29.98	29.97	29.98	30.03	30.00	29.97	30.00	30.04	30.10	30.02
	SD	.149	.150	.171	.119	.088	.078	.066	.073	.089	.092	.109	.119	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.10	30.07	30.04	30.02	30.00	30.01	30.06	30.03	30.00	30.03	30.07	30.12	30.05
	SD	.154	.151	.174	.122	.088	.079	.064	.073	.087	.094	.109	.121	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.14	30.11	30.08	30.04	30.02	30.03	30.08	30.05	30.03	30.06	30.10	30.16	30.08
	SD	.156	.154	.175	.126	.091	.082	.068	.075	.088	.097	.111	.124	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.09	30.08	30.05	30.02	30.00	30.01	30.06	30.03	30.01	30.02	30.06	30.11	30.05
	SD	.157	.155	.178	.132	.097	.083	.068	.078	.091	.099	.117	.128	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.06	30.04	30.00	29.97	29.97	29.98	30.02	29.99	29.97	29.99	30.03	30.09	30.01
	SD	.154	.158	.179	.136	.098	.084	.067	.078	.092	.100	.118	.130	.126
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
1900	MEAN	30.09	30.05	30.01	29.98	29.97	29.98	30.03	30.00	29.98	30.01	30.05	30.11	30.02
	SD	.148	.158	.176	.132	.095	.080	.067	.076	.094	.097	.113	.125	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200	MEAN	30.11	30.08	30.05	30.01	30.00	30.01	30.06	30.03	30.01	30.04	30.07	30.13	30.05
	SD	.146	.154	.172	.127	.091	.078	.066	.075	.109	.094	.111	.123	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN	30.10	30.07	30.03	30.00	29.99	30.00	30.05	30.02	29.99	30.02	30.06	30.12	30.04
	SD	.153	.155	.176	.129	.094	.082	.069	.078	.096	.098	.114	.125	.125
	TOT OBS	2480	2264	2480	2399	2480	2400	2480	2480	2400	2478	2400	2480	29221

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	GGGGG
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPP	AA AA	RRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.8	.1		930	.4	.1		930	1.2			930	2.8	1.0	.1	930
CATEGORY B	3.2	1.7	.3	930	2.7	1.3	.2	930	3.3	2.0	.5	930	8.7	4.6	1.7	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	5.5	2.0	.6	930	4.7	1.8	.6	930	1.7	.6	.2	930	1.2	.1	.1	930
CATEGORY B	16.6	10.4	3.3	930	12.3	8.0	3.0	930	4.7	3.0	1.1	930	3.9	2.4	.4	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	3.2	1.1	.3	4650	2.3	.7	.2	7440
CATEGORY B	9.1	5.6	1.9	4650	6.9	4.2	1.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	2.1	.7	.2	849	3.2	.7	.2	849	2.2	.9		849	4.0	1.3	.4	849
CATEGORY B	6.2	3.7	1.4	849	6.8	5.3	1.9	849	5.3	4.0	1.8	849	13.1	7.5	2.6	849

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	5.9	1.9	.4	849	5.2	1.6		849	2.4	.7	.1	849	2.2	.5	.4	849
CATEGORY B	17.3	10.6	3.5	849	14.6	9.4	3.2	849	7.8	5.2	1.5	849	6.0	4.5	1.1	849

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	3.9	1.3	.2	4245	3.4	1.0	.2	6792
CATEGORY B	11.6	7.3	2.5	4245	9.6	6.3	2.1	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

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

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.5	.9	.5	930	1.8	.5	.3	930	2.4	.4	.3	930	7.8	3.0	.6	930
CATEGORY B	4.2	2.6	1.2	930	4.6	3.7	1.2	930	6.9	5.2	1.3	930	17.2	12.8	5.5	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	10.9	4.3	.8	930	9.4	4.5	1.0	930	5.1	2.0	.2	930	2.3	.8		930
CATEGORY B	21.6	16.3	7.3	930	18.7	13.8	6.2	930	9.2	7.2	3.3	930	5.4	3.7	1.6	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	7.1	2.9	.6	4650	5.1	2.1	.5	7440
CATEGORY B	14.7	11.1	4.7	4650	11.0	8.1	3.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.1			900	.4			900	.7	.2		900	3.2	.8		900
CATEGORY B	2.7	1.6		900	2.0	1.6	.3	900	2.7	1.9	.4	900	14.4	8.7	2.0	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	6.3	2.7	.1	900	6.7	1.8	.1	900	4.1	.4	.1	900	1.1	.3		900
CATEGORY B	24.1	15.6	4.3	900	19.0	12.6	4.0	900	8.9	6.8	1.8	900	3.2	2.2	.7	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	4.2	1.2	.1	4500	2.8	.8	.0	7200
CATEGORY B	13.8	9.1	2.5	4500	9.6	6.3	1.7	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.3			930	.3			930	.5			930	2.0	.1		930
CATEGORY B	2.2	1.5	.1	930	.8	.4	.2	930	2.7	1.5	.4	930	14.2	7.7	1.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	3.3	.8		930	2.9	.8	.1	930	.5	.2		930	.5			930
CATEGORY B	18.4	11.1	1.7	930	16.0	8.1	1.4	930	4.9	2.0	.5	930	2.3	1.4	.3	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.9	.4	.0	4650	1.3	.2	.0	7440
CATEGORY B	11.2	6.1	1.0	4650	7.7	4.2	.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A				900				900	.1			900	1.4	.2		900
CATEGORY B	.3	.2	.1	900	.2			900	1.0	.2	.1	900	6.4	2.8	.6	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	2.3	.6	.1	900	2.8			900	1.0	.6		900	.4	.2		900
CATEGORY B	11.4	6.8	1.3	900	8.0	4.7	1.3	900	2.2	1.6	.7	900	.9	.7	.4	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.5	.4	.0	4500	1.0	.3	.0	7200
CATEGORY B	5.8	3.2	.8	4500	3.8	2.1	.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENC OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.5	.1		930	.3			930	.6			930	1.2			930
CATEGORY B	1.1	1.1	.2	930	.9	.8		930	1.8	1.3	.5	930	3.7	2.4	.9	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.8	.3		930	1.7	.4		930	.9	.3		930	.2	.1		930
CATEGORY B	7.7	3.8	1.1	930	6.5	3.5	.8	930	2.6	1.8	.6	930	1.3	.9	.3	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.2	.2		4650	.9	.2		7440
CATEGORY B	4.5	2.6	.8	4650	3.2	1.9	.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-30

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A				930	.2			930	.2			930	.5	.1		930
CATEGORY B	1.2	.8	.1	930	1.0	.6		930	1.3	.9	.1	930	3.4	1.6	.2	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.4			930	.4	.1		930	.2			930	.2			930
CATEGORY B	6.8	4.1	.9	930	4.7	2.9	.2	930	1.9	1.1	.1	930	1.0	.4		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.6	.0		4650	.4	.0		7440
CATEGORY B	3.6	2.1	.3	4650	2.7	1.5	.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.3	.4	.3	900	2.3	.3	.3	900	2.7	.9	.3	900	4.3	1.1	.3	900
CATEGORY B	5.0	4.0	1.0	900	4.7	3.0	1.6	900	5.1	3.7	1.7	900	11.6	9.0	2.6	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	5.9	1.7	.3	900	4.4	1.6	.4	900	2.1	.7	.3	900	1.4	.1	.1	900
CATEGORY B	14.8	10.8	3.9	900	11.7	9.4	3.1	900	6.4	5.2	1.9	900	6.4	4.8	.9	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	3.9	1.2	.4	4500	3.1	.8	.3	7200
CATEGORY B	9.9	7.6	2.6	4500	8.2	6.2	2.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR(HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.9			930	.5			930	.8	.1		930	3.4	.1		930
CATEGORY B	4.4	3.0	.2	930	3.2	2.7	.5	930	4.8	3.4	.6	930	17.3	11.9	1.4	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	5.6	.6		930	3.1	.4		930	1.1	.1		928	1.9	.2		927
CATEGORY B	22.2	15.3	3.3	930	13.0	8.3	1.7	930	6.1	3.3	.3	928	7.1	4.3	1.0	927

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	2.8	.3		4648	2.2	.2		7435
CATEGORY B	12.7	8.5	1.5	4648	9.8	6.5	1.1	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	E13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.6			900	1.8			900	1.3			900	3.0	.3		900
CATEGORY B	5.8	2.8	.4	900	5.0	3.1	.6	900	4.7	3.1	1.0	900	11.3	7.9	1.3	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	4.0	1.0		900	2.1	.3		900	1.3	.1		900	.4			900
CATEGORY B	14.6	10.3	2.6	900	9.7	6.1	1.0	900	5.6	3.4	.7	900	3.9	2.9	.6	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	2.4	.4		4500	1.9	.2		7200
CATEGORY B	9.2	6.2	1.3	4500	7.6	5.0	1.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.3			930	.8	.1		930	1.0	.1		930	1.6			930
CATEGORY B	3.1	1.5	.2	930	3.0	2.3	.5	930	3.7	2.4	.3	930	7.8	5.2	1.2	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	3.1	.5		930	2.6	1.3	.1	930	.9	.1		930	.8			930
CATEGORY B	11.6	7.2	1.8	930	7.5	4.9	1.9	930	4.9	3.7	.8	930	4.4	3.2	.8	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	1.8	.4	.0	4650	1.4	.3	.0	7440
CATEGORY B	7.1	4.7	1.2	4650	5.8	3.8	.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	.8	.2	.1	10959	1.0	.1	.1	10959	1.1	.2	.1	10959	2.9	.7	.1	10959
CATEGORY B	3.3	2.0	.4	10959	2.9	2.0	.6	10959	3.6	2.5	.7	10959	10.7	6.8	1.7	10959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	4.7	1.4	.2	10959	3.8	1.3	.2	10959	1.8	.5	.1	10957	1.1	.2	.0	10956
CATEGORY B	15.6	10.2	2.9	10959	11.8	7.6	2.3	10959	5.4	3.7	1.1	10957	3.8	2.6	.7	10956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE13	GE16	GE21	OBS	GE13	GE16	GE21	OBS
CATEGORY A	2.9	.8	.1	54793	2.1	.6	.1	87667
CATEGORY B	9.4	6.2	1.8	54793	7.1	4.7	1.3	87667

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: MAR 78 - OCT 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1978			59	4								32	95
1979	207	191	59	2							36	99	594
1980	159	240	73	5						2	61	167	707
1981	409	129	115								87	207	947
1982	194	25	31							6	3	80	339
1983	221	131	96	16							56	150	670
1984	197	135	73	12							44	71	532
1985	330	151	27	16							15	222	761
1986	176	75	114	23							1	44	433
1987	240	119	66	66						2	45	101	639
1988	221	203	100	17									541
MEAN	235	139	73	14						0	34	117	
SD	76.65	62.19	30.02	18.76						1.87	29.45	66.11	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL
LST TO UTC: + 5

PERIOD OF RECORD: MAR 78 - OCT 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1978			39	207	383	484	555	540	471	333	214	122	3348
1979	27	43	80	265	344	448	574	495	483	340	178	51	3328
1980	13	24	148	164	366	454	556	530	467	301	168	19	3210
1981		46	51	173	301	491	523	508	424	354	90	73	3034
1982	60	95	189	221	277	481	511	523	441	302	220	152	3472
1983	25	17	51	121	299	411	530	538	452	347	104	108	3003
1984	42	55	111	150	305	375	449	505	405	347	125	114	2983
1985	26	73	114	174	324	475	484	513	411	420	257	58	3329
1986	31	73	103	106	279	433	514	506	446	365	300	117	3273
1987	35	32	82	109	314	467	521	551	464	235	171	91	3072
1988	28	35	76	177	266	412	506	536	504	247			2787
MEAN	28	49	94	169	314	448	520	522	451	326	182	90	
SD	15.97	24.68	44.82	48.71	37.20	36.85	34.92	17.98	30.37	52.90	66.78	39.96	

A W S CLIMATIC BRIEF JAN 89	STATION NAME: NASA SHUTTLE LANDING FACILITY FL											FIELD ELEV: 9 FT			
	LATITUDE/LONGITUDE: 28 37 N 080 41 W											STATION MSC: 747945			
	HOURLY OBS POR: NOV 78 - OCT 88											CALL SIGN: X68			
	SUMMARY OF DAY POR: MAR 78 - OCT 88											SUPERSEDES: JUN 81			
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	85	87	90	91	93	98	97	97	94	93	89	85	98	10	
MEAN MAX TEMP (F)	67	70	74	79	83	88	90	89	87	83	77	72	80	10	
MEAN TEMP (F)	58	62	66	70	75	80	82	82	80	75	70	64	72	10	
MEAN MIN TEMP (F)	48	52	56	60	66	72	73	74	73	68	62	55	64	10	
EXTRM MIN TEMP (F)	19	32	29	40	48	53	55	64	57	47	32	22	19	10	
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
D/W TEMP GE 90 (F)	0	0	#	1	3	9	15	14	6	1	0	0	49	10	
D/W TEMP LT 40 (F)	6	3	1	0	0	0	0	0	0	0	1	2	13	10	
D/W TEMP LT 33 (F)	2	#	1	0	0	0	0	0	0	0	#	1	4	10	
HEATING DEGREE DAYS	235	139	73	14	0	0	0	0	0	#	34	117	612	11	
COOLING DEGREE DAYS	28	49	94	169	314	448	520	522	451	326	182	90	3193	11	
MEAN DEWPOINT TEMP (F)	50	53	56	59	65	72	73	74	72	67	62	57	63	10	
MEAN WET BULB TEMP (F)	54	56	60	63	68	74	75	76	74	69	65	59	66	10	
99.95% WCPA (FT)	300	350	450	300	200	200	100	150	250	200	200	200	250	10	
MEAN REL HUM 07 LST(%)	89.3	88.2	86.9	85.0	83.9	87.1	88.4	90.2	89.7	86.6	89.7	89.5	87.9	10	
MEAN REL HUM 13 LST(%)	60.8	60.3	57.2	53.6	58.8	63.9	63.9	67.0	67.5	62.9	65.4	64.1	62.1	10	
MAX 24HR PRECIP (IN)	4.55	2.22	3.03	5.13	2.42	3.09	3.30	2.89	5.31	2.31	5.12	2.76	5.31	10	
MAX PRECIP (IN)	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5.85	55.64	10	
MEAN PRECIP (IN)	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87	10	
MIN PRECIP (IN)	.06	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29	10	
D/W PRECIP GE .01 (IN)	7	8	7	5	8	11	11	12	13	9	8	8	107	10	
D/W PRECIP GT .50 (IN)	2	2	3	1	2	3	4	4	4	2	2	2	31	10	
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
PRVING IND DIR (DEG)	32-34	35-01	14-16	14-16	11-13	08-10	17-19	11-13	08-10	05-07	35-01	32-34	08-10	10	
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	6	7	7	10	
MAX WND SPD (KTS)	45	42	46	46	46	48	50	45	67	47	42	38	67	10	
SKY COVER GT 5/10 (%)	49.0	51.4	46.0	39.2	40.0	51.4	48.0	51.5	50.0	40.1	47.0	54.3	47.6	10	
D/W THUNDERSTORMS	1	2	3	3	7	12	6	15	9	4	2	2	76	10	
D/W FOG (VSBY LT 7 MI)	12	11	9	7	6	5	4	6	4	6	7	11	88	10	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE ‡ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	13.4	12.8	7.7	4.0	3.1	2.0	1.2	1.5	3.3	4.3	7.8	14.1	6.3	10
	03 - 05	16.5	12.8	9.9	5.9	3.0	4.1	.8	2.2	3.1	5.1	11.4	18.5	7.8	10
	06 - 08	22.3	19.9	16.0	7.6	4.9	5.9	3.3	2.7	5.7	7.5	13.7	19.6	10.8	10
	09 - 11	17.2	15.2	9.7	4.7	4.0	5.0	1.7	3.0	5.7	5.9	9.7	13.0	7.9	10
	12 - 14	14.0	9.3	6.6	3.7	4.4	5.3	3.9	4.2	5.9	3.8	7.9	10.4	6.6	10
	15 - 17	11.9	8.6	4.3	2.8	4.2	3.1	4.3	4.1	6.3	3.3	6.6	9.1	5.7	10
	18 - 20	10.5	9.5	5.6	3.8	3.2	3.2	3.9	3.0	4.7	4.6	6.9	9.0	5.7	10
	21 - 23	9.7	8.0	5.1	3.8	1.9	2.7	2.9	1.6	3.4	4.2	8.2	9.2	5.1	10
	ALL	14.4	12.0	8.1	4.5	3.6	3.9	2.7	2.8	4.8	4.8	9.0	12.9	6.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	9.0	6.8	4.0	2.4	1.4	.3	.2	.5	.7	1.1	5.2	8.4	3.3	10
	03 - 05	10.8	9.1	5.3	3.9	1.6	2.4	.2	1.3	1.0	2.9	7.3	12.0	4.8	10
	06 - 08	17.0	15.0	10.0	5.9	3.0	4.3	2.2	1.9	2.6	4.7	9.4	14.7	7.6	10
	09 - 11	11.1	10.8	4.1	2.2	.9	1.0	3	.5	1.6	3.1	6.7	9.1	4.3	10
	12 - 14	7.0	4.4	1.6	.8	.9	.3	.6	.6	1.2	1.0	3.4	5.1	2.2	10
	15 - 17	6.6	3.1	1.8	.8	1.5	.6	1.1	1.2	.7	1.4	2.8	3.7	2.1	10
	18 - 20	5.9	5.3	3.2	1.4	.4	1.0	1.2	.9	1.0	1.6	2.4	3.1	2.3	10
	21 - 23	6.1	5.1	2.6	1.7	.1	.4	.8	.5	.6	1.3	4.2	4.4	2.3	10
	ALL	9.2	7.4	4.1	2.4	1.2	1.3	.8	.9	1.2	2.1	5.2	7.6	3.6	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	7.1	5.3	2.9	1.9	.9	.3	.0	.4	.3	.2	3.9	6.7	2.5	10
	03 - 05	8.9	6.8	3.7	2.4	1.1	1.8	.2	1.1	.8	1.6	6.3	10.2	3.7	10
	06 - 08	12.8	11.7	5.9	4.1	2.4	3.7	1.4	1.3	1.7	3.2	6.9	11.4	5.5	10
	09 - 11	8.4	7.5	1.6	.8	.5	.7	.2	.2	.4	1.7	5.6	7.2	2.9	10
	12 - 14	5.7	3.2	1.1	.2	.4	.2	.2	.4	.3	.6	1.2	2.9	1.4	10
	15 - 17	5.7	2.0	1.5	.7	.8	.1	.4	1.1	.4	.6	1.0	1.8	1.3	10
	18 - 20	5.4	3.3	1.7	.6	.1	.6	.4	.5	.1	.9	1.3	1.8	1.3	10
	21 - 23	5.1	4.2	1.9	.7	.1	.0	.1	.1	.0	.0	2.3	3.2	1.5	10
	ALL	7.4	5.5	2.5	1.4	.8	.9	.4	.6	.5	1.1	3.6	5.7	2.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.3	.3	10
	03 - 05	1.7	.9	.6	.2	.0	.0	.0	.0	.0	.0	1.1	2.0	.5	10
	06 - 08	2.5	2.0	1.1	.3	.2	.4	.2	.0	.1	.6	2.3	3.0	1.1	10
	09 - 11	.5	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.2	.8	.2	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	.1	.6	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.1	10
	ALL	.8	.7	.2	.1	.0	.1	.0	.0	.0	.1	.5	.9	.3	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1973-1986 (SPECIAL POR):

NOTE: STORMS ARE COUNTED IN THEIR MONTH OF ORIGIN.

HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	1/2	0/2	0/0	0/0	1/5
120NM	0/1	1/1	1/2	1/2	0/1	0/0	3/7
240NM	0/2	1/1	2/3	1/2	0/1	1/1	5/10

REMARKS : @ ALL DATA FOR THIS CLIMATIC BRIEF DERIVED EXCLUSIVELY FROM STATION X68.

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