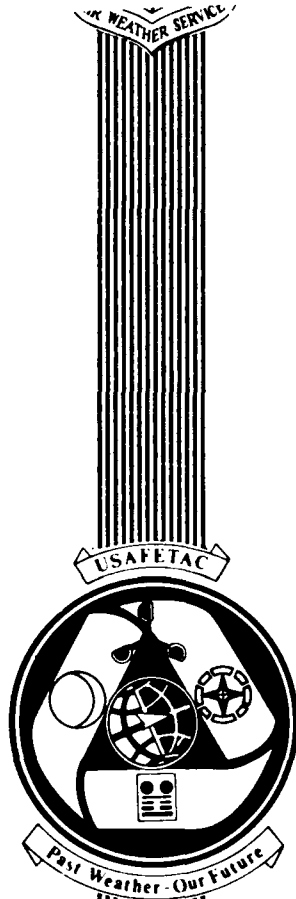


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91-16972



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

HONDO MUNICIPAL AIRPORT, TEXAS

Prepared by

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

OCTOBER 1991

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

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

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

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

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

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

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: NOV 83 - JUN 91 (AIRWAYS).

SUMMARY OF DAY DATA: SEP 42 - DEC 45, NOV 83 - JUN 91 (FULL TIME).

SUMMARY OF DAY DATA: DEC 54 - JUN 58 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
722533	HONDO MAP, TX	N 29 21	W 099 21	915 **	HDO	72253

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Hondo AAF, TX	AAF	Sep 42	Dec 45	N 29 20	W099 10	916	920	24
2	Hondo AFB, TX @	AFB	Nov 54	Jun 58	Same	Same	920	920	11-14
3	Hondo MAP, TX #	WSMO	Aug 72	Oct 83	N 29 21	Same	915 **	915 **	0
4	Hondo MAP, TX *	WSMO	Nov 83	Aug 87	Same	Same	Same **	Same **	24
* - resumed sfc obs # - radar obs only @ - deact Jun 1958 ** - ground elevation only field elevation - approx 927									

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 42	Not Available.	Selsyn	N/A	N/A	
2	Nov 54	Not Available.	N/A	N/A	N/A	
3	Feb 76	85' W of Radome.	F420C	N/A	20 ft	
4	Aug 87	Same	Same	Same	Same	

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

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

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

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	7.6		1.0		8.6	12.2				20.8	629
03-05	.5	9.3	.2	.8		10.3	16.9				27.2	622
06-08	.3	12.3	.3	.5		13.0	20.3				33.3	661
09-11	.7	11.2	.3	.7		12.2	15.9	.3			28.3	699
12-14		8.9		1.0		9.8	7.6	.3			17.7	711
15-17	.3	5.2		.8		6.1	6.9	.3			13.3	709
18-20	.3	5.4	.3	.8		6.4	7.2	.3			13.9	654
21-23	.3	5.4	.2	.6		6.2	8.7	.3			15.2	630
ALL HOURS	.3	8.2	.2	.8		9.1	11.9	.2			21.2	5315

MONTH: FEB

00-02	1.0	8.8	.7	.2		9.7	10.5				20.2	579
03-05	.7	7.7	1.1			8.8	15.2				24.0	571
06-08	.2	7.4	1.0			8.4	21.1	.2			29.7	593
09-11	.3	7.1	.3			7.4	19.0	.5			26.9	658
12-14	.2	6.6	.2	.2		6.9	9.5	.2			16.6	639
15-17	.5	4.6		.3		4.9	6.5	.2			11.5	651
18-20	.3	4.1		.2		4.3	6.8	.5			11.6	604
21-23	.3	8.2	.5			8.7	9.2	.3			18.3	573
ALL HOURS	.4	6.8	.5	.1		7.3	12.2	.2			19.8	4868

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	.9	5.0				5.0	7.2			.3	12.6	635
03-05	1.1	8.7				8.7	10.9				19.6	623
06-08		8.2				8.2	20.3				28.5	681
09-11	.3	8.0				8.0	14.6	.3		.1	23.0	712
12-14	.1	3.2				3.2	5.4	.1		.4	9.2	709
15-17		1.4				1.4	1.4			.4	3.2	710
18-20		1.0				1.0	2.2			.4	3.7	670
21-23	1.1	4.1				4.1	4.1	.3		.3	8.9	629
ALL HOURS	.4	4.9				4.9	8.3	.1		.3	13.6	5369

MONTH: APR

00-02		3.8				3.8	9.0	.2		.5	13.5	608
03-05	1.8	6.3				6.3	13.6			.5	20.4	617
06-08	.9	11.0				11.0	28.2	.4		.4	40.1	670
09-11	.3	6.2				6.2	14.0	.4		.7	21.4	691
12-14	.4	4.1				4.1	4.1	.4		1.0	9.7	683
15-17	.6	2.6				2.6	2.1			.6	5.2	705
18-20	.9	2.8				2.8	2.2	.3		.4	5.8	674
21-23	1.1	4.0				4.0	4.0	.3		.5	8.9	618
ALL HOURS	.7	5.1				5.1	9.6	.3		.6	15.6	5266

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	2.8	3.9				3.9	1.6	.3			5.9	614
03-05	3.4	4.7				4.7	8.0				12.7	615
06-08	2.3	5.7				5.7	22.3	1.4			29.5	699
09-11	1.6	5.1				5.1	8.4	1.9			15.4	701
12-14	.7	2.3				2.3	2.7	2.7			7.7	697
15-17	1.3	3.0				3.0	.4	1.8			5.2	706
18-20	1.8	1.5				1.5		1.5			3.0	664
21-23	1.9	1.9				1.9	.6	.3			2.9	621
ALL HOURS	1.9	3.5				3.5	5.6	1.3			10.5	5317

MONTH: JUN

00-02	1.8	3.3				3.3	.7				4.0	602
03-05	1.8	2.6				2.6	5.3				7.9	605
06-08	.4	3.0				3.0	7.1	.6			10.7	704
09-11	.4	2.2				2.2	.6	.4			3.2	678
12-14	.4	1.3				1.3	.1				1.5	682
15-17	1.0	3.2				3.2	.1				3.4	685
18-20	.9	2.0				2.0					2.0	663
21-23	2.8	3.5				3.5	.5				3.9	608
ALL HOURS	1.2	2.6				2.6	1.8	.1			4.6	5227

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.5	.8				.8					.8	616
03-05	.8	1.5				1.5	1.0				2.5	612
06-08	.5	2.6				2.6	3.1	1.3			7.0	618
09-11	.2	2.0				2.0	.5	1.0			3.5	600
12-14	.8	1.9				1.9	.5	.8			3.2	616
15-17	2.9	5.1				5.1		.3			5.4	627
18-20	.3	1.8				1.8					1.8	628
21-23	.3	1.4				1.4					1.4	624
ALL HOURS	.8	2.1				2.1	.6	.4			3.2	4941

MONTH: AUG

00-02	.3	1.3				1.3					1.3	623
03-05		1.2				1.2	.8				2.0	600
06-08		1.0				1.0	4.2	1.6			6.8	617
09-11	.5	.8				.8	.2	3.1			4.1	612
12-14		.5				.5		2.0			2.5	608
15-17	.6	1.0				1.0	.2	.6			1.8	618
18-20	1.8	1.4				1.4				.2	1.6	626
21-23	.3	1.7				1.7					1.7	630
ALL HOURS	.4	1.1				1.1	.7	.9		.0	2.7	4934

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.7	2.5				2.5	.3	.3			3.1	611
03-05		1.8				1.8	1.7				3.5	605
06-08	.7	2.6				2.6	5.4	.3			8.3	612
09-11	.5	3.2				3.2	.8	.7			4.7	596
12-14	.7	1.9				1.9	.3				2.2	592
15-17	2.2	2.0				2.0	.2				2.2	602
18-20	2.8	2.5				2.5					2.5	608
21-23	1.0	2.7				2.7		.2			2.8	602
ALL HOURS	1.1	2.4				2.4	1.1	.2			3.7	4828

MONTH: OCT

00-02	2.1	5.6				5.6	3.5				9.1	626
03-05	2.7	7.8				7.8	8.0				15.8	628
06-08	1.5	6.6				6.6	12.8				19.4	619
09-11	1.1	6.7				6.7	7.4				14.1	612
12-14	.2	5.3				5.3	3.0				8.2	607
15-17		4.8				4.8	1.9				6.7	626
18-20	.5	2.9				2.9	1.9				4.8	626
21-23	2.4	5.0				5.0	2.3				7.2	622
ALL HOURS	1.3	5.6				5.6	5.1				10.7	4966

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	6.9				6.9	8.1				15.0	605
03-05	.5	7.2				7.2	15.0				22.2	600
06-08		7.0				7.0	21.6				28.6	612
09-11		6.1				6.1	15.8				21.9	588
12-14	.5	4.5				4.5	4.7	.3			9.5	579
15-17	.2	3.3				3.3	2.8	.2			6.4	598
18-20	.3	3.8				3.8	2.5				6.3	600
21-23		4.7				4.7	5.0				9.8	614
ALL HOURS	.2	5.5				5.5	9.5	.1			15.0	4796

MONTH: DEC

00-02		7.0	.7			7.7	13.0				20.7	570
03-05	.7	8.1	.4	.2		8.6	14.2				22.9	555
06-08		10.3				10.3	21.6				32.0	582
09-11	.2	10.2	.2			10.3	18.9				29.2	610
12-14		9.4	.3			9.7	9.1				18.8	616
15-17	.2	6.6				6.6	4.5				11.0	625
18-20	.5	7.9				7.9	5.9				13.8	572
21-23	.2	6.3				6.3	6.3				12.6	572
ALL HOURS	.2	8.2	.2	.0		8.4	11.7				20.1	4702

A - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	8.2	.2	.8		9.1	11.9	.2			21.2	5315
FEB	.4	6.8	.5	.1		7.3	12.2	.2			19.8	4868
MAR	.4	4.9				4.9	8.3	.1		.3	13.6	5369
APR	.7	5.1				5.1	9.6	.3		.6	15.6	5266
MAY	1.9	3.5				3.5	5.6	1.3			10.5	5317
JUN	1.2	2.6				2.6	1.8	.1			4.6	5227
JUL	.8	2.1				2.1	.6	.4			3.2	4941
AUG	.4	1.1				1.1	.7	.9		.0	2.7	4934
SEP	1.1	2.4				2.4	1.1	.2			3.7	4828
OCT	1.3	5.6				5.6	5.1				10.7	4966
NOV	.2	5.5				5.5	9.5	.1			15.0	4796
DEC	.2	8.2	.2	.0		8.4	11.7				20.1	4702
ANNUAL	.8	4.7	.1	.1		4.8	6.5	.3		.1	11.7	60529

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.2	1.0	.9		2.8	1.8	.5	.3	.7	2.1	.2	
03-05	.5	.7	1.1	1.8	3.4	1.8	.8			2.7	.5	.7
06-08	.3	.2		.9	2.3	.4	.5		.7	1.5		
09-11	.7	.3	.3	.3	1.6	.4	.2	.5	.5	1.1		.2
12-14		.2	.1	.4	.7	.4	.8		.7	.2	.5	
15-17	.3	.5		.6	1.3	1.0	2.9	.6	2.2		.2	.2
18-20	.3	.3		.9	1.8	.9	.3	1.8	2.8	.5	.3	.5
21-23	.3	.3	1.1	1.1	1.9	2.8	.3	.3	1.0	2.4		.2
ALL HOURS	.3	.4	.4	.7	1.9	1.2	.8	.4	1.1	1.3	.2	.2
TOTAL OBS	5315	4868	5369	5266	5317	5227	4941	4934	4828	4966	4796	4702

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSIMS	5.9		76.5	11.8	5.9		17	
LIQUID PRECIP	8.7		64.7	17.4	5.9	3.3	425	
FREEZING PRECIP			71.4			28.6	7	
FROZEN PRECIP	4.9		95.1				41	
FOG	19.7		46.3	20.4	6.2	7.4	631	
FOG WITH VIS GE 1/2 MILES	16.2		49.1	20.1	6.5	8.1	542	
TOTAL OBS	794	0	2323	909	796	487	0	5309

MONTH: FEB HOURS: ALL

TSTMS			47.6	14.3	23.8	14.3		21
LIQUID PRECIP	8.2		46.7	35.4	5.0	4.7		319
FREEZING PRECIP			95.5	4.5				22
FROZEN PRECIP			83.3		16.7			6
FOG	14.5		36.8	36.1	10.9	1.7		595
FOG WITH VIS GE 1/2 MILES	11.6		37.8	38.1	11.0	1.5		527
TOTAL OBS	528	0	1936	1174	848	377	0	4863

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	4.3		56.5	17.4	8.7	13.0	23
LIQUID PRECIP	3.2		38.7	45.6	10.9	1.6	248
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.5		24.5	47.4	16.6	2.9	445
FOG WITH VIS GE 1/2 MILES	8.2		24.9	47.7	16.3	2.9	417
TOTAL OBS	457	0	1616	1716	1165	411	0 5365

MONTH: APR HOURS: ALL

TSTMS	5.1		43.6	30.8	10.3	10.3	39
LIQUID PRECIP	6.7		32.6	42.7	17.6	.4	239
FREEZING PRECIP							
FROZEN PRECIP							
FOG	14.4		21.3	44.7	18.3	1.4	508
FOG WITH VIS GE 1/2 MILES	13.1		22.0	46.0	18.2	.6	472
TOTAL OBS	630	0	1435	1803	1138	255	0 5261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSIMS	2.9		34.0	37.9	15.5	9.7	103
LIQUID PRECIP	8.0		11.5	54.9	21.2	4.4	113
FREEZING PRECIP							
FROZEN PRECIP							
FOG	19.5		15.8	41.6	22.8	.3	298
FOG WITH VIS GE 1/2 MILES	19.5		15.5	41.8	22.9	.3	297
TOTAL OBS	588	0	925	2284	1391	118	5306

MONTH: JUN HOURS: ALL

TSIMS	1.6		36.1	29.5	23.0	9.8	61
LIQUID PRECIP	17.2		33.3	30.1	17.2	2.2	93
FREEZING PRECIP							
FROZEN PRECIP							
FOG	50.5		10.5	22.1	14.7	2.1	95
FOG WITH VIS GE 1/2 MILES	51.1		10.6	22.3	13.8	2.1	94
TOTAL OBS	660	0	672	2252	1564	76	5224

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	7.7		25.6	33.3	28.2	5.1	39	
LIQUID PRECIP	6.3		27.8	50.6	12.7	2.5	79	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	54.8		12.9	29.0		3.2	31	
FOG WITH VIS GE 1/2 MILES	54.8		12.9	29.0		3.2	31	
TOTAL OBS	854	0	396	2017	1634	35	0	4936

MONTH: AUG HOURS: ALL

TSTMS			27.3	45.5	18.2	9.1		22
LIQUID PRECIP	12.8		44.7	29.8	12.8			47
FREEZING PRECIP								
FROZEN PRECIP								
FOG	51.5		33.3	9.1	6.1			33
FOG WITH VIS GE 1/2 MILES	51.5		33.3	9.1	6.1			33
TOTAL OBS	867	0	412	2101	1507	40	0	4927

OPERATING LOCATION "A"
USAFET , ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	9.8		33.3	25.5	25.5	5.9	51	
LIQUID PRECIP	6.7		50.0	32.2	10.0	1.1	90	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	32.1		43.4	17.0	7.5		53	
FOG WITH VIS GE 1/2 MILES	32.1		43.4	17.0	7.5		53	
TOTAL OBS	737	0	1261	1536	1227	60	0	4821

MONTH: OCT HOURS: ALL

TSTMS	3.1		46.2	26.2	16.9	7.7		65
LIQUID PRECIP	5.8		51.8	31.9	8.4	2.2		226
FREEZING PRECIP								
FROZEN PRECIP								
FOG	26.2		19.8	40.9	11.1	2.0		252
FOG WITH VIS GE 1/2 MILES	22.7		20.2	43.2	11.6	2.1		233
TOTAL OBS	818	0	1414	1369	1249	113	0	4963

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS			70.0	10.0	10.0	10.0	10	
LIQUID PRECIP	12.3		39.3	27.0	17.1	4.4	252	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.4		23.3	22.0	19.4	6.8	454	
FOG WITH VIS GE 1/2 MILES	23.8		24.1	23.8	21.4	7.0	370	
TOTAL OBS	847	0	1714	919	1062	247	0	4789

MONTH: DEC HOURS: ALL

TSTMS			40.0	40.0	10.0	10.0	10	
LIQUID PRECIP	10.3		46.8	31.3	8.4	3.2	380	
FREEZING PRECIP			100.0				9	
FROZEN PRECIP			100.0				1	
FOG	16.8		34.9	35.8	10.4	2.2	548	
FOG WITH VIS GE 1/2 MILES	15.8		35.0	36.1	11.2	1.9	463	
TOTAL OBS	747	0	1979	907	740	317	0	4690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	3.9		39.9	29.5	18.0	8.7	461
LIQUID PRECIP	8.4		44.8	33.2	10.7	2.9	2511
FREEZING PRECIP			92.1	2.6		5.3	38
FROZEN PRECIP	4.2		93.8		2.1		48
FOG	19.4		29.7	34.2	13.5	3.3	3943
FOG WITH VIS GE 1/2 MILES	17.4		30.2	35.3	13.9	3.1	3532
TOTAL OBS	8527	0	16083	18987	14321	2536	0 60454

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

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

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

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

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

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

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

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

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

CONVERSIONS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4210-4512,5412-5709,8311-9106
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	66.8	59.4	66.8	61.8	63.3	70.2	75.1	84.5	73.1	72.7	69.1	64.1	68.7
TRACE	13.1	14.8	15.3	15.4	9.7	8.0	5.7	6.5	8.2	7.3	11.8	11.4	10.7
.01	2.7	4.0	1.1	2.3	2.3	1.2	1.3	.6	.7	1.5	3.3	2.5	2.0
.02-.05	4.2	7.7	4.4	4.6	6.7	4.8	4.4	1.9	2.3	2.9	5.2	6.1	4.7
.06-.10	3.9	3.4	3.6	3.1	3.2	2.4	2.5	1.0	1.3	2.1	2.2	5.0	2.8
.11-.25	3.9	4.0	3.0	5.4	3.5	3.9	4.4	2.9	6.2	3.8	2.8	5.6	4.1
.26-.50	3.3	3.7	1.9	2.6	1.5	3.0	2.5	1.0	3.6	2.6	2.5	2.2	2.5
.51-1.00	.6	1.7	3.0	2.6	5.6	2.4	2.5	.6	2.6	3.2	2.5	2.8	2.5
1.01-2.50	1.8	1.4	.8	1.4	3.8	3.3	1.3	.6	1.3	2.9	.6	.3	1.6
2.51-5.00				.9		.9	.3	.3	.7	.9			.3
5.01-10.00					.3								.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	20.2	25.9	17.8	22.8	27.0	21.7	19.2	9.0	18.7	19.9	19.0	24.5	20.6
TOTAL NO. OF OBSERVATIONS	337	352	365	351	341	336	317	310	305	341	363	359	4077

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4210-4512,5412-5709,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42										5.84	.06	.78	6.68*
43	.34*	.09	1.03	2.42	3.80	3.87	6.20	TRACE	5.43	.55	1.19	1.45	26.37*
44	1.76	1.42	2.51	1.29	6.54	3.39	.04	5.62	.40	1.47	2.00	2.07	28.51
45	3.01	2.10	1.79	3.82	2.08	4.15	.48	.41	6.27	1.05	.18	.89*	26.23*
54												.00*	.00*
55	*	.39*	*	*	*	1.11*	.32*	*	.14*	*	*	*	1.96*
56	*	.93*	.10*	.70*	*	TRACE*	.16*	*	*	*	.02*	*	1.91*
57	*	*	*	6.05*	*	*	TRACE*	*	.29*				6.34*
83											1.82	.60	2.42*
84	1.85	.52	.43	.98	.70	2.61	.26	.23	3.21	7.29	.96	3.38	22.42
85	2.02	1.87	3.43	1.44	2.88	3.66	1.78	.00	3.37	7.76	2.45	.10	30.76
86	.79	.83	.69	1.57	6.11	5.98	.58	.69	2.21	10.98	1.81	4.63	36.87
87	.51	3.92	1.67	2.19	13.83	8.66	2.01	2.55	1.11	.08	1.72	1.84	40.09
88	.36	1.97	.39	.83	1.21	3.34	2.03	.50	.48	1.77	.02	.25	13.15
89	3.24	.59	1.93	.66	1.00	1.41	.99	.26	.65	3.37	1.52	.50	16.12
90	.78	2.21	3.71	4.50	1.30	.02	6.68	.15	2.82	3.28	1.49	.07	27.01
91	2.86	2.08	.56	2.68	3.61	4.34							16.13*

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TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4210-4512, 5412-5709, 8311-9106
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 13.83 OCCURRED ON 05/87

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: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4210-4512,5412-5709,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42										3.75	.03	.32	3.75*
43	.23*	.06	.98	1.24	1.29	3.53	2.69	TRACE	1.47	.18	.72	.52	3.53*
44	1.25	.45	.83	.69	1.74	2.39	.03	2.73	.34	1.44	.68	.70	2.73
45	1.75	.91	.85	2.53	.84	2.32	.20	.23	3.17	.78	.17	.79*	3.17*
54												.00*	.00*
55	*	.25*	*	*	*	.62*	.19*	*	.14*	*	*	*	.62*
56	*	.51*	.10*	.59*	*	TRACE*	.11*	*	*	*	.02*	*	.59*
57	*	*	*	2.80*	*	*	TRACE*	*	.29*				2.80*
83											1.20	.39	1.20*
84	1.32	.31	.33	.84	.47	2.08	.13	.13	2.42	2.12	.78	.78	2.42
85	.93	1.08	1.73	.57	2.07	2.29	1.17	.00	1.36	4.67	.79	.10	4.67
86	.40	.76	.31	1.17	1.87	3.16	.51	.26	1.31	4.16	.51	1.81	4.16
87	.34	1.03	.69	1.25	5.07	3.01	.77	1.51	.66	.06	1.06	.62	5.07
88	.27	1.43	.22	.40	.72	1.95	.95	.30	.20	.90	.01	.15	1.95
89	1.17	.30	1.06	.34	.54	.51	.73	.22	.61	1.60	.58	.27	1.60
90	.45	1.36	1.07	2.66	1.07	.02	2.39	.11	.80	2.45	.96	.04	2.66
91	1.58	1.02	.29	1.37	1.67	2.17							2.17*
GREATEST	1.75	1.43	1.73	2.80	5.07	3.53	2.69	2.73	3.17	4.67	1.20	1.81	5.07
TOTAL OBS	337	352	365	351	341	336	317	310	305	341	363	359	4077

THE GREATEST VALUE OF 5.07 OCCURRED ON 05/29/87

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: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 5412-5805,8311-9106
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	99.7
TRACE	1.1	.8										.7	.2
0.1-0.4													
0.5-1.4													
1.5-2.4	.4												.0
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4	.4												.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.7												.1
TOTAL NO. OF OBSERVATIONS	268	265	314	307	336	282	260	285	230	284	279	283	3393

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 5412-5805,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54												.0*	.0*
55	*	.0*	*	*	.0*	*	*	.0*	*	.0*	*	*	.0*
56	*	*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*	.0*	.0*	.0*
57	*	*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
58	.0*	.0*	.0*	.0*	.0*								0*
83											.0	.0	.0*
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	12.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	.0	.0	.0	.0	.0							.0*

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 5412-5805,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	12.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	12.8
MEAN	1.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	4.525	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	4.838
TOTAL OBS	268	265	314	307	336	282	260	285	230	284	279	283	3393

THE GREATEST VALUE OF 12.8 OCCURRED ON 01/85

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 5412-5805,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54												.0*	.0*
55	*	.0*	*	*	.0*	*	*	.0*	*	.0*	*	*	.0*
56	*	*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*	.0*	.0*	.0*
57	*	*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
58	.0*	.0*	.0*	.0*	.0*								.0*
83											.0	.0	.0*
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	10.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	.0	.0	.0	.0	.0							.0*
GREATEST	10.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.8
TOTAL OBS	268	265	314	307	336	282	260	285	230	284	279	283	3393

THE GREATEST VALUE OF 10.8 OCCURRED ON 01/12/85

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

B - 3 - 3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4210-4512,5412-5805,8311-9106
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	97.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8
TRACE	.3	.9											.1
1	.3												.0
2	.8												.1
3													
4-6	.6												.0
7-12	.3												.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	1.9												.2
TOTAL NO. OF OBSERVATIONS	360	350	407	397	429	372	373	378	320	408	398	388	4580

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4210-4512,5412-5805,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42										0	0	0	0*
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	1	0	0	0	0	0	0	0	0	0	0	0	1
45	0	0	0	0	0	0	0	0	0	0	0	0*	0*
54												0*	0*
55	*	0*	*	*	0*	*	0*	0*	*	0*	*	*	0*
56	*	*	0*	0*	0*	0*	0*	0*	*	0*	0*	0*	0*
57	*	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
58	0*	0*	0*	0*	0*								0*
83											0	0	0*
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	10	TRACE	0	0	0	0	0	0	0	0	0	0	10
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
89	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
90	0	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0							0*
GREATEST	10*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	10*
TOTAL OBS	360	350	407	397	429	372	373	378	320	408	398	388	4580

THE GREATEST VALUE OF 10 OCCURRED ON 01/13/85

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

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT TX PERIOD OF RECORD: 4210-4512,5412-5805,8311-9106
 SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
43 - 44			JAN 14			JAN 14
84 - 85	JAN 02	JAN 02	JAN 03	FEB 01	JAN 12	JAN 16
85 - 86	JAN 08			JAN 08		
87 - 88	FEB 07			FEB 07		
89 - 90	DEC 12			DEC 22		
MEDIAN-DATE	JAN 05	JAN 02	JAN 08	JAN 20	JAN 12	JAN 15

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

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5703-5703,5712-5712
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
57	SSE*20										NNW*68	NNW*68	
GREATEST	SSE 20										NNW 68	SSE 20	
TOTAL OBS	1										1	2	

THE PEAK WIND OF 68 FROM NNW OCCURRED ON 12/10/57

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

C - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 5703-5703,5712-5712
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN	MEDIAN	TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	OBS
JAN														
FEB														
MAR	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	20.0	20.0	1
APR														
MAY														
JUN														
JUL														
AUG														
SEP														
OCT														
NOV														
DEC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	68.0	68.0	1
ANNUAL	.0	.0	.0	.0	50.0	.0	.0	.0	.0	.0	50.0	44.0	44.0	2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.4	7.0	2.9	1.3	.2	.2						17.8	7.4	6.0
020-040	5.6	8.6	5.4	.3	.2	.2						20.2	7.5	7.0
050-070	5.2	5.7	.5									11.4	5.2	5.0
(E) 080-100	2.9	1.4										4.3	4.2	4.0
110-130	1.3	1.7		.2								3.2	5.4	5.0
140-160	1.3	3.7	.6									5.6	6.3	6.0
(S) 170-190	.3											.3	4.0	4.0
200-220	.2	.2										.3	5.5	5.5
230-250	1.1	.8										1.9	4.6	4.0
(W) 260-280	.8	.2										1.0	4.3	4.0
290-310	1.7	.8										2.5	4.8	4.0
320-340	4.9	5.1	.8									10.8	5.3	5.0
VARIABLE														
CALM	////////////////////											20.7	////////	
TOTALS	31.7	35.2	10.2	1.8	.4	.4						100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JAN 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		6.3	8.1	4.2	1.8	.2	.2						20.6	7.7	6.0
020-040		4.8	11.0	4.2	.3								20.3	7.1	7.0
050-070		4.2	4.8	.3									9.3	5.3	5.0
(E) 080-100		1.8	1.3										3.1	4.4	3.0
110-130		1.4	1.6	.2									3.2	5.4	5.0
140-160		1.1	2.6	.6									4.3	6.2	5.0
(S) 170-190		.8	.5										1.3	4.4	4.0
200-220		.3	.8										1.1	5.4	5.0
230-250		1.0	.2	.2									1.3	4.3	3.0
(W) 260-280		.8	.5										1.3	4.5	4.0
290-310		1.8	1.4	.2									3.4	4.8	4.0
320-340		6.9	5.6	1.0									13.5	5.1	4.0
VARIABLE															
CALM		////////////////////////////////////										17.2	////////////////////////////////		
TOTALS		31.2	38.4	10.9	2.1	.2	.2						100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN 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	5.7	7.3	4.8	2.1	.5							20.4	8.3	7.0
020-040	6.4	12.1	3.6	.8								22.8	6.8	6.0
050-070	3.0	4.8	.6									8.5	5.8	5.0
(E) 080-100	1.2	1.1										2.3	4.3	4.0
110-130	1.4	1.4										2.7	4.6	4.5
140-160	1.1	1.2	.3									2.6	6.1	5.0
(S) 170-190	.6											.6	3.5	3.5
200-220	.3	.2										.5	4.0	3.0
230-250	1.2	.2										1.4	3.8	4.0
(W) 260-280	.8	.6										1.4	4.9	4.0
290-310	1.1	1.7	.2									2.9	5.3	5.0
320-340	6.8	4.4	.6	.2								12.0	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											22.1	////////////////////////////////	
TOTALS	29.6	35.0	10.1	3.1	.5							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 661														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JAN HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.9	3.9	5.3	2.6	.1							13.8	10.2	10.0
020-040		3.0	8.3	6.9	2.3	.3							20.8	9.2	9.0
050-070		5.2	7.5	.7	.1								13.5	5.7	5.0
(E) 080-100		2.4	2.3										4.7	4.9	4.0
110-130		1.1	1.6										2.7	5.2	5.0
140-160		1.1	3.6	1.4									6.2	7.3	7.0
(S) 170-190		.3	2.3	.3									2.9	6.5	6.0
200-220		1.0	1.7	.1									2.9	5.3	5.0
230-250		1.6	2.4	.1									4.2	5.6	6.0
(W) 260-280		1.1	1.0	.1									2.3	5.3	4.5
290-310		1.3	1.4	.4									3.2	5.8	5.5
320-340		3.0	3.2	1.9	.7								8.8	7.4	6.0
VARIABLE															
CALM		////////////////////////////////////											14.2	////////////////////////////////	
TOTALS		23.0	39.2	17.2	5.7	.4							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 697

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: 12-14

		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		1.1	4.2	6.2	2.8	.1							14.5	10.7	11.0	
020-040		1.5	4.4	5.6	1.0	.4							13.0	9.7	10.0	
050-070		3.4	4.9	1.4									9.7	6.1	6.0	
(E) 080-100		2.0	2.1										4.1	4.9	5.0	
110-130		1.8	2.1										3.9	5.0	5.0	
140-160		1.5	6.5	1.7	.1								9.9	7.6	7.0	
(S) 170-190		1.3	5.8	3.7	.8								11.5	8.7	9.0	
200-220		1.5	5.2	1.7	.1								8.6	7.3	7.0	
230-250		1.4	5.2	1.4									8.0	7.3	7.0	
(W) 260-280		1.1	2.3	.8									4.2	6.3	6.0	
290-310		.8	2.3	.7	.3								4.1	7.8	7.0	
320-340		.1	3.0	1.5	.7								5.4	9.6	8.0	
VARIABLE																
CALM		////////////////////////////////////											3.1	////////////////////////////////		
TOTALS		17.5	48.0	24.7	5.8	.5							100.0	7.9	7.5	
TOTAL NUMBER OF OBSERVATIONS 710																

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.5	6.1	1.6	.4							11.9	10.8	11.0
020-040	1.7	5.8	6.2	1.1								14.8	9.4	9.0
050-070	3.0	3.8	.6									7.3	5.7	5.0
(E) 080-100	2.5	2.3										4.8	4.8	4.0
110-130	2.4	4.4	.1									6.9	5.5	5.0
140-160	2.1	7.3	3.5	.3								13.3	7.6	7.0
(S) 170-190	2.1	6.4	3.4	.4								12.3	7.9	8.0
200-220	1.7	3.4	1.0									6.1	6.8	7.0
230-250	1.8	5.4	1.6									8.8	6.8	6.5
(W) 260-280	.4	1.1	.6	.1								2.3	7.7	7.0
290-310	.4	1.1	1.1									2.7	8.3	7.0
320-340	.3	1.4	2.1	.4								4.2	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	19.7	44.9	26.3	3.9	.4							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 708

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.9	2.8	.9								9.8	8.6	8.0
020-040	1.8	7.8	4.1	.8	.3							14.9	8.6	8.0
050-070	3.5	4.1	.3									8.0	5.1	5.0
(E) 080-100	4.6	2.8										7.4	4.5	4.0
110-130	3.8	3.5	.3									7.7	5.0	4.5
140-160	6.4	7.4	.3									14.1	5.0	5.0
(S) 170-190	1.8	3.2	.5									5.5	5.8	5.5
200-220	1.7	1.5										3.2	4.9	4.0
230-250	.8	2.0										2.8	5.4	5.0
(W) 260-280	.6	.6										1.2	4.4	4.5
290-310	1.8	.9	.2	.2								3.1	5.3	4.0
320-340	.8	3.1	1.2									5.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											17.5	////////////////////////////////	
TOTALS	28.8	41.8	9.7	1.9	.3							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JAN HOURS: 21-23

		WIND SPEED IN KNOT													
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	2.1	6.5	2.1	1.0	.2	.2						11.9	8.4	7.0
	020-040	5.2	10.6	4.3	.6								20.8	7.3	7.0
	050-070	5.6	4.8										10.3	4.6	4.0
(E)	080-100	3.0	2.2	.2									5.4	4.5	4.0
	110-130	2.7	2.7	.5									5.9	5.6	5.0
	140-160	2.9	3.5	1.1									7.5	5.7	5.0
(S)	170-190	.8	.3										1.1	4.1	4.0
	200-220	.5	.3							.2			1.0	10.2	4.5
	230-250	1.4	.2										1.6	3.6	3.5
(W)	260-280	1.1	.5										1.6	4.2	4.0
	290-310	.8	1.0										1.7	4.9	5.0
	320-340	3.3	4.1	.5	.6								8.6	6.1	5.0
VARIABLE															
CALM		////////////////////////////////////										22.7	////////////////////////////////		
TOTALS		29.4	36.7	8.7	2.2	.2	.2			.2			100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 630															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN 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	5.5	4.4	1.8	.2	.1						15.0	8.9	8.0
020-040		3.7	8.5	5.1	.9	.2	.0						18.3	8.1	8.0
050-070		4.1	5.1	.6	.0								9.8	5.5	5.0
(E) 080-100		2.5	1.9	.0									4.5	4.6	4.0
110-130		2.0	2.4	.1	.0								4.5	5.2	5.0
140-160		2.2	4.5	1.2	.1								8.0	6.5	6.0
(S) 170-190		1.0	2.4	1.0	.2								4.6	7.4	7.0
200-220		.9	1.7	.4	.0					.0			3.1	6.6	6.0
230-250		1.3	2.1	.4									3.9	6.1	6.0
(W) 260-280		.8	.9	.2	.0								1.9	5.6	5.0
290-310		1.2	1.3	.4	.1								3.0	6.0	5.0
320-340		3.2	3.7	1.2	.3								8.4	6.4	5.0
VARIABLE															
CALM		////////////////////////////////////											15.0	////////////////////////////////	
TOTALS		26.1	40.0	15.0	3.4	.4	.1						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 5309

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	3.5	3.2	5.7	1.9	.1							14.3	9.3	10.0
020-040	4.7	12.8	5.9	1.0	.1							24.6	7.9	8.0
050-070	5.8	8.3	.9									14.9	5.5	5.0
(E) 080-100	2.7	4.2										6.9	5.1	5.0
110-130	3.5	3.3		.1								6.9	5.2	4.5
140-160	1.7	6.0	1.7									9.5	6.9	7.0
(S) 170-190	1.0	1.1	.1									2.2	5.5	5.0
200-220	.9	1.0										1.9	4.8	5.0
230-250	.7	.4	.1									1.2	5.1	4.0
(W) 260-280	.5	1.4										1.9	5.7	5.0
290-310	.9	.6										1.5	4.8	4.0
320-340	1.2	1.4	.7									3.3	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	27.1	43.7	15.1	3.0	.2							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 810

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.5	6.9	2.4	2.1	.2							15.0	8.3	7.0
020-040		5.2	8.6	2.9	.3								17.1	6.6	5.0
050-070		5.4	4.5										9.8	4.7	4.0
(E) 080-100		3.3	1.7										5.0	4.6	4.0
110-130		2.9	4.5	1.0	.2								8.6	6.2	5.0
140-160		2.6	6.6	2.1	.2								11.4	6.8	6.0
(S) 170-190		.7	.5					.2					1.4	8.3	4.5
200-220		.3	.3	.2									.9	6.6	6.0
230-250		.3	.2										.5	3.7	3.0
(W) 260-280		.5	.2	.2									.9	6.0	4.0
290-310		1.0		.3		.2							1.6	7.6	4.0
320-340		4.3	4.1	.9	.5								9.8	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////											18.0	////////////////////////////////	
TOTALS		30.0	38.1	10.0	3.3	.4		.2					100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 579															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	4.6	6.3	5.3	2.3								18.4	8.4	7.0
020-040	6.1	8.9	2.6	.4								18.1	6.3	6.0
050-070	5.4	4.0										9.5	4.5	4.0
(E) 080-100	1.9	1.8										3.7	5.0	4.0
110-130	1.9	2.1	.5									4.6	5.9	5.0
140-160	2.6	5.1	.2									7.9	5.8	5.0
(S) 170-190	.7	1.1	.4									2.1	6.1	5.5
200-220	.2	.4										.5	6.0	6.0
230-250	.4	.2										.5	4.0	4.0
(W) 260-280	.4	.9	.5									1.8	7.2	7.0
290-310	1.6	.5										2.1	4.2	4.0
320-340	4.9	6.1	.9	.4	.4	.2						12.8	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											18.1	////////	
TOTALS	30.7	37.4	10.4	3.1	.4	.2						100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 570														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.4	8.3	4.2	1.3	.2							20.4	7.5	6.0
020-040	5.4	8.4	3.7	1.9								19.4	7.4	6.0
050-070	6.6	5.9	.2									12.6	4.9	4.0
(E) 080-100	3.0	1.2										4.2	4.1	4.0
110-130	1.9	2.5	.3									4.7	5.6	5.0
140-160	2.2	2.0	.3									4.6	5.2	5.0
(S) 170-190	1.0	1.0										2.0	4.8	4.5
200-220	.2		.2									.3	6.5	6.5
230-250		.5										.5	6.7	6.0
(W) 260-280	.3	1.0										1.3	5.3	5.0
290-310	.8	.3	.3	.2								1.7	6.4	4.5
320-340	3.7	4.7	1.3	.3	.5							10.6	6.9	5.0
VARIABLE														
CALM	////////////////////////////////////											17.5	////////	
TOTALS	31.5	35.8	10.5	3.7	.7							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 593

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: FEB HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.1	4.9	5.9	1.8	.2							14.9	9.9	10.0
020-040		1.8	6.7	5.5	2.0	.5							16.4	9.5	9.0
050-070		5.6	6.8	2.3									14.7	6.0	6.0
(E) 080-100		2.9	1.8										4.7	4.4	4.0
110-130		2.4	4.7	.3									7.4	5.7	6.0
140-160		3.3	6.4	1.7									11.4	6.6	6.0
(S) 170-190		1.4	3.6	.9	.2								6.1	6.9	6.0
200-220		.8	1.8	.2									2.7	5.9	6.0
230-250		.9	1.8										2.7	5.3	5.0
(W) 260-280		.5	1.2	.2									1.8	5.7	5.0
290-310		.8	.5	.9	.9								3.0	10.5	12.0
320-340		.9	3.2	2.7	.9	.2							7.9	9.7	9.0
VARIABLE															
CALM		////////////////////////////////////											6.1	////////////////////////////////	
TOTALS		23.4	43.4	20.6	5.8	.9							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 658															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	3.1	5.2	1.6	.2							11.1	10.5	10.0
020-040	.9	5.8	3.8	1.1								11.6	9.3	9.0
050-070	1.7	6.9	.9									9.6	6.5	6.0
(E) 080-100	1.4	2.5										3.9	5.4	5.0
110-130	3.0	5.3	.5									8.8	5.8	6.0
140-160	1.1	8.0	4.5	.5								14.1	8.4	8.0
(S) 170-190	1.7	7.1	4.7	.5								13.9	8.3	8.0
200-220	.6	3.0	.5									4.1	6.7	7.0
230-250	.6	4.7	1.1	.2								6.6	7.7	8.0
(W) 260-280	1.1	1.3	.3		.2							2.8	6.7	5.5
290-310	.8	1.3	1.1	.3	.5							3.9	9.8	8.0
320-340	.8	3.0	2.7	.8	.6							7.8	10.6	10.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	14.8	52.0	25.3	5.0	1.5							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 638														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: FEB HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.6	2.5	4.5	1.5								9.1	10.9	11.0
020-040		.8	4.6	5.1	.3								10.8	9.4	9.5
050-070		2.0	5.1	.5									7.5	5.9	6.0
(E) 080-100		3.7	4.0	.2									7.8	5.1	5.0
110-130		3.8	4.9	.8									9.5	5.7	5.0
140-160		2.2	10.1	4.9									17.2	7.9	8.0
(S) 170-190		1.2	7.5	2.5	.3								11.5	8.1	8.0
200-220		1.1	4.3	.6									6.0	6.6	6.0
230-250		1.1	2.0	.8									3.8	6.5	6.0
(W) 260-280		.2	1.1	.9									2.2	8.8	7.5
290-310		.6	2.8	.6	.6	.3	.2						5.1	10.1	8.0
320-340		.3	1.8	2.5	1.5	.2							6.3	11.6	12.0
VARIABLE															
CALM		////////////////////////////////////										3.2	////////////////////////////////		
TOTALS		17.6	50.7	23.9	4.2	.5	.2						100.0	7.8	7.0
TOTAL NUMBER OF OBSERVATIONS 651															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	5.3	3.0	.8								10.6	8.6	8.0
020-040	2.5	9.3	2.3	.2	.2							14.6	7.4	7.0
050-070	4.0	3.5	.8									8.3	5.4	5.0
(E) 080-100	3.8	3.6	.7									8.1	5.3	5.0
110-130	5.3	4.3	1.5									11.1	5.7	5.0
140-160	5.6	9.9	.7	.3								16.6	5.8	5.0
(S) 170-190	2.3	5.5	.5									8.3	5.8	6.0
200-220	1.2	1.0										2.2	4.7	4.0
230-250	1.0	1.0										2.0	4.7	4.5
(W) 260-280	.7	.5										1.2	4.9	4.0
290-310	.7	.7		.3	.2	.2		.2				2.2	12.5	7.0
320-340	1.0	2.3	1.5	.3	.2							5.3	8.7	7.5
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	29.7	46.9	11.0	1.9	.6	.2		.2				100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 604														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.7	6.3	2.3	1.0	.3							11.7	8.5	7.0
020-040	3.3	7.5	3.5	.2								14.5	7.2	7.0
050-070	5.4	6.1	.7	.2								12.4	5.2	5.0
(E) 080-100	2.8	4.0										6.8	4.8	5.0
110-130	4.0	5.8	1.0	.2								11.0	5.8	5.0
140-160	5.4	8.9	1.4	.5								16.3	6.1	5.0
(S) 170-190	.7	1.0										1.7	4.7	5.0
200-220		.2										.2	5.0	5.0
230-250	.2											.2	3.0	3.0
(W) 260-280	.3	.2	.2									.7	5.3	4.0
290-310	1.4	.3		.2		.2						2.1	7.1	4.0
320-340	3.1	3.1	.5	.3		.2						7.3	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	28.3	43.4	9.6	2.6	.3	.4						100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 572														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB 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	2.6	5.4	4.1	1.6	.1							13.8	8.9	8.0
020-040	3.2	7.4	3.7	.8	.1							15.2	7.8	7.0
050-070	4.5	5.4	.7	.0								10.6	5.4	5.0
(E) 080-100	2.9	2.6	.1									5.5	4.9	4.0
110-130	3.2	4.3	.7	.0								8.2	5.8	5.0
140-160	3.1	7.2	2.0	.2								12.5	6.8	6.0
(S) 170-190	1.2	3.5	1.2	.1			.0					6.1	7.3	7.0
200-220	.6	1.4	.2									2.2	6.3	6.0
230-250	.6	1.4	.2	.0								2.2	6.4	6.0
(W) 260-280	.5	.8	.3		.0							1.6	6.5	6.0
290-310	.9	.8	.4	.3	.1	.1		.0				2.8	9.1	7.0
320-340	2.3	3.5	1.7	.7	.2	.0						8.4	7.9	6.0
VARIABLE														
CALM	////////////////////											10.9	////////	
TOTALS	25.6	43.7	15.3	3.7	.5	.1						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 4865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.8	3.5	2.9	.7								7.9	9.3	8.5
020-040	2.3	7.0	6.4	.6								16.3	8.5	9.0
050-070	6.8	8.9	1.5	.1								17.3	5.7	5.0
(E) 080-100	4.7	5.1	.2									10.0	5.1	5.0
110-130	5.0	7.0	2.0	.2								14.2	6.2	6.0
140-160	4.6	9.8	2.3									16.7	6.5	6.0
(S) 170-190	1.0	2.5	.6									4.2	6.2	6.0
200-220	.3	.2	.2									.8	7.0	6.0
230-250	.2	.5										.7	5.7	5.5
(W) 260-280		.6										.6	6.0	5.0
290-310	.1	.2	.1									.5	7.5	7.0
320-340	.2	.6	.3			.1						1.3	9.5	7.0
VARIABLE														
CALM	////////////////////											9.6	////////	
TOTALS	26.0	45.9	16.5	1.6		.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 866

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.8	2.8	.6	.5							10.4	8.3	7.0
020-040	4.4	6.6	1.7	.9								13.7	6.9	6.0
050-070	5.4	7.0										12.3	5.1	5.0
(E) 080-100	2.1	2.5										4.6	4.7	5.0
110-130	4.3	11.1	1.4	.2								16.9	6.5	6.0
140-160	1.9	12.0	3.0	.2								17.1	7.4	7.0
(S) 170-190	.5	.8	.2									1.4	6.0	5.0
200-220	.5	.2										.6	4.3	4.0
230-250	.5	.2										.6	3.5	3.0
(W) 260-280	.2	.5			.2							.8	8.4	5.0
290-310	.6	.6	.2	.2								1.6	7.3	5.0
320-340	2.4	3.5	.8	.9	.3							7.9	7.9	6.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	25.5	48.8	10.1	3.0	1.0							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 633														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	5.0	5.5	3.5	.8	.3							15.1	7.5	6.0
020-040	3.9	7.2	2.1	.8								14.0	6.8	6.0
050-070	4.7	5.3	.6									10.6	5.4	5.0
(E) 080-100	1.4	1.6										3.1	4.4	5.0
110-130	2.9	9.0	.3									12.2	5.9	6.0
140-160	1.8	7.9	1.4	.2								11.3	7.2	7.0
(S) 170-190	.6	1.8										2.4	5.4	5.0
200-220	.2	.2										.3	4.5	4.5
230-250	.8	.2										1.0	4.0	4.0
(W) 260-280	.8	.2										1.0	4.3	4.0
290-310	1.4	.5	.2									2.1	4.9	4.0
320-340	4.0	4.8	2.1	1.3	.2							12.4	7.4	5.0
VARIABLE														
CALM	////////////////////////////////////										14.6	////////////////////////////////		
TOTALS	27.5	44.2	10.2	3.1	.5							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR 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		4.6	5.1	3.2	1.2	.3							14.4	7.8	6.0
020-040		7.0	6.8	2.2	.3	.1							16.4	6.2	5.0
050-070		3.2	4.8	.6									8.7	5.5	5.0
(E) 080-100		2.9	1.9										4.8	4.3	4.0
110-130		2.8	6.3	.4									9.5	5.8	6.0
140-160		1.9	7.6	1.0	.1								10.7	6.6	6.0
(S) 170-190		.6	1.5										2.1	6.0	6.0
200-220		.4											.4	3.7	4.0
230-250		.4	.9										1.3	4.8	5.0
(W) 260-280		.7	.1										.9	3.7	3.0
290-310		1.8	1.0	.3									3.1	5.0	4.0
320-340		3.8	4.6	2.6	.6								11.6	7.0	5.0
VARIABLE															
CALM		////////////////////////////////////											16.0	////////////////////////////////	
TOTALS		30.1	40.6	10.3	2.2	.4							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 681

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAR HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.7	2.5	3.4	2.9	.3							9.8	11.9	12.0
020-040		1.4	3.5	2.8	1.4	.1							9.3	9.2	9.0
050-070		2.1	6.0	1.7	.3								10.1	6.9	6.0
(E) 080-100		1.7	2.8	1.0	.1								5.6	6.8	6.0
110-130		2.1	6.7	1.1									10.0	6.4	6.0
140-160		1.8	12.6	5.6	.3								20.4	8.0	8.0
(S) 170-190		.8	6.2	3.2									10.3	8.2	8.0
200-220		.8	2.1	1.5									4.5	7.3	7.0
230-250		.8	2.4	.7									3.9	6.9	6.5
(W) 260-280		.8	1.1	.6									2.5	7.2	6.5
290-310		.8	.4	1.3	.4								2.9	9.0	10.0
320-340		.6	2.1	2.4	2.1								7.2	10.9	11.0
VARIABLE															
CALM		////////////////////////////////////											3.5	////////////////////////////////	
TOTALS		14.4	48.4	25.3	7.5	.4							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 712

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.6	3.7	3.1	.6							9.2	13.3	14.0
020-040	.4	2.8	2.5	.3								6.1	9.0	9.0
050-070	1.1	3.5	.8	.1								5.6	7.1	6.0
(E) 080-100	1.4	2.8	.7									4.9	6.3	6.0
110-130	2.0	6.1	2.0	.3								10.3	7.3	7.0
140-160	1.8	11.7	8.9	.6								23.0	8.8	8.0
(S) 170-190	.4	6.3	6.8	1.4	.1							15.1	10.0	10.0
200-220	1.0	4.1	1.3	.3								6.6	7.5	7.0
230-250	1.0	2.0	2.7	.3								5.9	9.2	9.5
(W) 260-280		2.0	1.3	.3								3.5	9.7	9.0
290-310	.1	.8	1.7	1.0								3.7	11.4	12.5
320-340	.4	1.1	1.8	1.1	.3							4.8	11.7	12.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	9.9	44.8	34.2	8.8	1.0							100.0	9.1	9.0
TOTAL NUMBER OF OBSERVATIONS 709														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	2.4	2.4	2.4	.4							8.2	12.0	12.0
020-040	.6	3.4	1.4	.4								5.8	8.3	8.0
050-070	.6	3.0	.7									4.2	7.2	7.0
(E) 080-100	1.6	2.4	.4									4.4	6.0	5.0
110-130	2.8	6.8	2.8									12.4	7.1	7.0
140-160	2.5	12.4	10.4	1.6								26.9	9.0	9.0
(S) 170-190	1.3	8.9	4.5	.4								15.1	8.3	8.0
200-220	.4	1.7	1.0									3.1	8.0	8.0
230-250	.4	2.7	1.7	.1								4.9	8.9	9.0
(W) 260-280	.1	1.1	1.8	.3								3.4	10.2	11.0
290-310	.1	1.1	1.4	.6	.1							3.4	11.3	12.5
320-340		1.8	2.7	1.4	.4							6.3	11.9	12.0
VARIABLE														
CALM	////////////////////////////////////										1.8	////////////////////////////////		
TOTALS	11.0	47.7	31.2	7.2	.9							100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.4	1.8	1.0	.1							7.0	9.5	8.0
020-040	.6	5.4	2.4	.4								8.8	8.3	8.0
050-070	2.8	4.5	.4									7.8	5.4	5.0
(E) 080-100	2.2	4.3	.3									6.9	5.5	5.0
110-130	5.8	12.4	3.4	.1								21.8	6.7	6.0
140-160	5.4	10.3	3.7	.6								20.0	6.9	6.0
(S) 170-190	1.6	3.9	.6	.1								6.3	6.2	6.0
200-220	.7	2.1	.1									3.0	6.2	6.0
230-250	.3	2.1	.1									2.5	6.5	7.0
(W) 260-280		.4	.1									.6	8.3	8.0
290-310	.4	.3	.6	.3								1.6	9.6	11.0
320-340	.6	1.3	2.1	1.2	.3							5.5	11.1	11.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////	
TOTALS	21.0	50.4	15.6	3.7	.4							100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 670														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.8	1.6	1.4								7.8	8.9	8.0
020-040	1.6	6.5	2.7	1.1	.2							12.1	8.4	7.0
050-070	4.3	6.5	.5									11.3	5.5	5.0
(E) 080-100	2.4	3.3	.3									6.0	5.4	5.0
110-130	4.8	13.8	4.6	.6								23.8	7.1	7.0
140-160	3.0	9.5	3.2	.3								16.1	7.2	7.0
(S) 170-190	1.1	.3										1.4	4.1	4.0
200-220	1.0	.5	.2									1.6	5.2	4.0
230-250	.3	.5	.2									1.0	5.5	5.0
(W) 260-280		.3										.3	5.5	5.5
290-310		.2	.2									.3	9.5	9.5
320-340	2.1	2.1	1.1	.3	.2							5.7	7.6	6.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////	
TOTALS	21.6	47.3	14.6	3.7	.4							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.9	3.5	2.8	1.7	.3							10.2	9.7	9.0
020-040		2.4	5.2	2.2	.7	.1							10.6	7.6	7.0
050-070		2.9	5.0	.7	.1								8.7	5.9	5.0
(E) 080-100		2.0	2.7	.4	.0								5.1	5.5	5.0
110-130		3.4	8.9	2.0	.1								14.5	6.7	6.0
140-160		2.5	10.6	4.8	.5								18.4	7.9	8.0
(S) 170-190		.9	3.8	2.0	.3	.0							7.0	8.2	8.0
200-220		.6	1.4	.5	.0								2.6	7.0	6.5
230-250		.6	1.4	.7	.1								2.7	7.6	7.0
(W) 260-280		.3	.7	.5	.1	.0							1.7	8.3	8.0
290-310		.7	.6	.7	.3	.0							2.4	8.8	7.5
320-340		1.7	2.6	2.0	1.1	.2							7.6	9.0	8.0
VARIABLE															
CALM		////////////////////////////////////										8.5	////////////////////////////////		
TOTALS		19.9	46.4	19.3	5.0	.6							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 5365

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.4	3.5	.7	.1	.2							4.9	8.5	8.0
020-040	1.3	5.8	1.9	.1								9.1	7.3	7.0
050-070	4.1	6.2	.8									11.1	5.6	5.0
(E) 080-100	3.2	5.1	.1									8.4	5.3	5.0
110-130	5.4	17.7	2.9	.4								26.3	6.7	6.0
140-160	2.1	18.0	5.5	.5								26.1	7.8	8.0
(S) 170-190	.8	2.7	1.1	.1								4.7	7.5	7.0
200-220	.5	.8	.1									1.4	6.3	6.5
230-250	.1	.5										.6	5.4	6.0
(W) 260-280	.2	.2			.1							.6	8.2	5.0
290-310	.2		.1									.4	6.7	4.0
320-340	.1	.6	.5	.4								1.5	10.1	10.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	18.4	61.1	13.7	1.6	.3							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	5.6	.5	.2								9.7	5.8	5.0
020-040	7.2	7.6	1.3	.5								16.6	5.9	5.0
050-070	5.4	1.3	.7									7.4	4.4	4.0
(E) 080-100	3.8	2.3										6.1	4.6	4.0
110-130	5.1	9.0	1.8									16.0	6.0	5.0
140-160	3.3	9.4	1.3									14.0	6.4	6.0
(S) 170-190	.2	.8	.2									1.2	5.6	5.0
200-220	.3	.3										.7	5.8	6.0
230-250														
(W) 260-280	.2											.2	3.0	3.0
290-310	.7											.7	3.3	3.0
320-340	3.0	2.3	.2									5.4	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											22.2	////////	
TOTALS	32.7	38.6	6.0	.7								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: APR 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		4.7	6.3	1.0	.2								12.2	5.9	5.0
020-040		9.4	7.5	1.8	.5								19.1	5.7	5.0
050-070		6.2	2.6										8.8	4.2	4.0
(E) 080-100		2.1	2.4										4.5	4.8	5.0
110-130		5.0	4.9	.3									10.2	5.1	5.0
140-160		2.4	6.5	.6									9.6	6.0	6.0
(S) 170-190		.5	1.9	.2									2.6	6.4	6.5
200-220															
230-250		.5	.2										.6	4.3	4.0
(W) 260-280		.5	.2										.6	4.3	4.0
290-310		1.0	.2		.2								1.3	5.1	3.5
320-340		3.1	3.6	.3									7.0	5.2	5.0
VARIABLE															
CALM		////////////////////////////////////										23.5	////////////////////////////////		
TOTALS		35.4	36.3	4.2	.9								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 617

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.5	1.6	.7								10.1	7.2	6.0
020-040	6.0	8.2	2.2	.7								17.2	6.6	6.0
050-070	7.9	6.1	.4									14.5	5.0	4.0
(E) 080-100	5.7	2.2	.1									8.1	4.2	4.0
110-130	4.6	4.2	.4		.1							9.4	5.3	5.0
140-160	4.0	5.8	1.2									11.0	5.9	5.5
(S) 170-190	.3	1.3	.1									1.8	6.5	6.5
200-220	.1	.4										.6	5.0	5.5
230-250		.1										.1	8.0	8.0
(W) 260-280	.1	.3										.4	5.0	5.0
290-310	1.0	.3										1.3	3.8	3.0
320-340	2.8	2.8	.4									6.1	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											19.3	////////	
TOTALS	35.8	36.2	6.4	1.4	.1							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 670														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT; TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.2	3.2	1.3								7.0	11.1	12.5
020-040	1.4	3.3	2.9	1.2	.3							9.1	9.5	9.0
050-070	3.0	7.5	.6									11.2	5.8	5.0
(E) 080-100	3.2	4.5	1.0									8.7	5.8	5.0
110-130	3.2	6.5	.9	.1								10.7	6.0	6.0
140-160	2.3	16.7	6.1	.6								25.7	7.8	7.0
(S) 170-190	1.6	4.9	2.5	.3								9.3	7.8	7.0
200-220	.9	3.0	.6									4.5	6.6	6.0
230-250	1.0	1.2	.9									3.0	7.0	7.0
(W) 260-280		.6										.6	6.5	6.0
290-310	.4	.4	.3									1.2	6.5	5.5
320-340	.4	1.9	2.0	.7								5.1	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	17.7	52.7	21.0	4.2	.3							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 690														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.6	2.2	1.8								5.9	11.4	12.0
020-040	.7	1.3	1.8	1.5								5.3	10.7	11.5
050-070	1.9	7.0	.3									9.2	6.2	6.0
(E) 080-100	1.9	4.5	.3									6.7	5.5	5.0
110-130	2.3	9.7	2.2									14.2	7.0	7.0
140-160	2.2	13.2	6.7	.4								22.6	8.2	8.0
(S) 170-190	1.2	7.5	5.3	1.0								15.0	9.2	9.0
200-220	.6	3.7	.9	.1	.1							5.4	8.1	8.0
230-250	.1	2.8	1.5									4.4	8.4	8.5
(W) 260-280		.9										.9	6.3	6.0
290-310	.3	1.5	1.5	.4	.1							3.8	10.3	10.0
320-340	.6	1.3	1.9	.9								4.7	10.2	10.5
VARIABLE														
CALM	////////////////////////////////////										1.9	////////////////////////////////		
TOTALS	12.1	55.0	24.6	6.1	.2							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: APR 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	2.0	2.1	1.4	.1							5.8	11.1	11.0
020-040		.4	2.6	2.3	.7	.1							6.1	9.8	10.0
050-070		3.1	4.1	.6									7.8	5.7	5.0
(E) 080-100		2.4	5.0										7.4	5.6	5.5
110-130		3.3	7.5	3.7	.3								14.8	7.2	7.0
140-160		1.0	15.3	5.8	1.1								23.3	8.5	8.0
(S) 170-190		.7	7.1	4.0	.7								12.5	8.8	8.0
200-220		.7	2.4	1.3	.1								4.5	8.0	7.5
230-250		.7	3.4	.9									5.0	7.0	7.0
(W) 260-280		.6	1.1	.4									2.1	6.5	6.0
290-310		.4	1.6	.9	.7								3.6	9.4	8.0
320-340		.4	2.0	1.7	.9								5.0	9.7	10.0
VARIABLE															
CAIM		////////////////////////////////////											2.1	////////////////////////////////	
TOTALS		13.8	54.1	23.7	5.9	.2							100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 704

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR 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		.4	3.0	3.4	1.3								8.2	10.5	10.0
020-040		1.5	3.7	2.4	.3								7.9	8.0	8.0
050-070		3.9	3.3	.6									7.7	5.4	4.5
(E) 080-100		4.7	4.3	.4									9.5	5.1	4.5
110-130		6.7	11.3	2.5									20.5	6.0	5.5
140-160		3.7	11.4	3.7	.3								19.1	6.9	6.0
(S) 170-190		1.9	4.7	1.0									7.7	6.5	6.0
200-220		.7	1.3										2.1	5.1	5.0
230-250		.7	.9										1.6	4.7	5.0
(W) 260-280		.4	.1										.6	4.0	3.5
290-310		.7	.7	.3									1.8	6.6	5.5
320-340			1.2	1.0									2.2	8.6	7.0
VARIABLE															
CALM		////////////////////////////////////											11.1	////////////////////////////////	
TOTALS		25.3	45.9	15.3	1.9								100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 674															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.1	4.5	2.1									7.8	7.7	7.0
020-040	2.8	7.3	1.8	.2								12.0	6.6	6.0
050-070	4.2	2.9										7.1	4.5	4.0
(E) 080-100	4.1	3.4	.5									8.0	4.9	4.0
110-130	7.6	15.1	3.1	.2								26.0	6.1	6.0
140-160	3.2	9.7	2.9									15.9	6.9	6.0
(S) 170-190	1.1	1.6	.2	.2								3.1	6.1	5.0
200-220	.2											.2	4.0	4.0
230-250	.6	.3										1.0	4.0	3.5
(W) 260-280	.2											.2	3.0	3.0
290-310	1.0			.2								1.1	5.3	4.0
320-340	1.0	1.8	.2	.2								3.1	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////	
TOTALS	27.1	46.6	10.8	1.0								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR HOURS: ALL

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		1.7	3.6	2.1	.9	.0						8.2	8.4	7.0
020-040		3.6	5.1	2.1	.7	.1						11.5	7.2	6.0
050-070		4.4	4.4	.4								9.3	5.2	5.0
(E) 080-100		3.5	3.6	.3								7.4	5.1	5.0
110-130		4.7	8.5	1.9	.1	.0						15.1	6.2	6.0
140-160		2.8	11.1	3.6	.3							17.9	7.4	7.0
(S) 170-190		1.0	3.9	1.7	.3							6.8	8.0	8.0
200-220		.5	1.5	.4	.0	.0						2.3	7.1	7.0
230-250		.5	1.2	.4								2.1	6.9	6.0
(W) 260-280		.2	.4	.1								.7	5.7	5.0
290-310		.7	.6	.4	.2	.0						1.9	7.6	5.0
320-340		1.4	2.1	1.0	.3							4.8	7.3	6.0
VARIABLE														
CALM		////////////////////////////////////										12.0	////////	
TOTALS		25.0	46.0	14.4	2.8	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 5261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.1	1.9	.3	.1								2.4	7.3	6.5
020-040	2.8	2.7	1.3									6.9	6.2	6.0
050-070	5.4	7.1	.5									13.1	5.1	5.0
(E) 080-100	6.1	5.2	.5									11.8	5.0	4.0
110-130	7.5	13.5	2.4		.1							23.6	6.0	5.0
140-160	4.6	18.8	3.5	.1								27.1	6.7	6.0
(S) 170-190	.4	2.3	1.1									3.8	7.7	7.5
200-220	.3	.4										.7	5.4	5.0
230-250		.1										.1	8.0	8.0
(W) 260-280														
290-310	.3			.3								.5	9.8	9.5
320-340	.1	.4	.3									.8	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	27.6	52.4	9.9	.5	.1							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 743

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 00-02

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	1.6	1.6		.3								3.6	5.9	5.0
020-040	3.4	3.6	.5	.5	.2							8.2	6.3	5.0
050-070	4.2	1.8										6.0	4.3	4.0
(E) 080-100	6.4	3.4	.2									10.0	4.3	4.0
110-130	7.2	12.4	1.3									20.9	5.6	5.0
140-160	4.1	18.1	3.1									25.3	6.7	6.0
(S) 170-190	.7	.8	.2	.2								1.8	6.6	6.0
200-220	.2	.3										.5	4.3	5.0
230-250	.3	.2										.5	4.3	4.0
(W) 260-280	.3	.2										.5	3.7	3.0
290-310	.3	.3										.7	4.3	4.5
320-340	2.3	.7			.2							3.1	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											19.0	////////	
TOTALS	31.0	43.4	5.3	1.0	.4							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 612														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.3	.5	.5								6.0	6.6	6.0
020-040	8.0	4.1	1.0	.2								13.2	5.1	4.0
050-070	4.1	2.8	.2									7.0	4.5	4.0
(E) 080-100	4.7	2.1										6.9	4.1	4.0
110-130	7.8	7.2	.3	.2								15.5	5.2	4.0
140-160	4.1	15.2	1.1									20.4	6.3	6.0
(S) 170-190	.3	1.8										2.1	5.8	6.0
200-220	.5											.5	3.7	4.0
230-250	.3	.2										.5	4.0	4.0
(W) 260-280	.2											.2	4.0	4.0
290-310	.5		.3									.8	6.0	3.0
320-340	1.1	.7		.2								2.0	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											25.0	////////	
TOTALS	33.4	37.4	3.4	1.1								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	4.2	.7	.6								6.9	7.1	6.0
020-040	4.9	5.3	.9	.4								11.5	5.8	5.0
050-070	6.5	3.9	.1									10.5	4.5	4.0
(E) 080-100	4.0	3.0	.1									7.2	4.7	4.0
110-130	6.2	7.0	.3									13.5	5.1	5.0
140-160	4.7	15.6	1.6	.4								22.4	6.4	6.0
(S) 170-190	1.6	3.2	.6									5.3	6.5	6.0
200-220	.1	.3										.4	5.3	5.0
230-250	.1	.1										.3	4.5	4.5
(W) 260-280		.7	.3									1.0	7.3	6.0
290-310	.7	.7										1.4	4.9	4.5
320-340	.6	1.6	.4									2.6	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											17.1	////////	
TOTALS	30.8	45.6	5.0	1.4								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 697

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.3	1.0	.6								6.3	8.0	7.0
020-040	1.9	4.4	2.1	.4								8.9	8.0	7.0
050-070	3.4	3.6	.3									7.3	5.3	5.0
(E) 080-100	2.6	4.6	.4									7.6	5.5	5.0
110-130	4.1	10.4	1.3									15.9	6.2	6.0
140-160	2.3	17.1	9.9	.9								30.1	8.5	8.0
(S) 170-190	1.6	7.3	4.1	.1								13.1	8.3	8.0
200-220	.6	1.3	.1									2.0	6.0	6.0
230-250	.4	1.0										1.4	5.9	6.0
(W) 260-280	.3											.3	3.5	3.5
290-310	.1	.7	.1									1.0	6.1	6.0
320-340	.7	1.6	.9	.1								3.3	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	19.4	55.3	20.2	2.1								100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 700														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.6	2.3	.4								5.8	8.8	8.0
020-040	.7	2.9	2.0	.4								6.0	8.8	8.0
050-070	1.9	4.3	.3									6.5	5.7	5.0
(E) 080-100	2.2	4.7	.3	.3								7.5	6.0	6.0
110-130	2.9	12.4	1.6									16.8	6.6	6.0
140-160	2.3	17.6	9.6	1.0								30.5	8.6	8.0
(S) 170-190	.9	8.1	6.0	.9								15.8	9.1	9.0
200-220	.3	2.3	.3									2.9	6.5	6.0
230-250	.3	1.3										1.6	5.6	6.0
(W) 260-280	.6	.7										1.3	5.1	6.0
290-310	.3	.9	.6									1.7	7.7	8.0
320-340	.1	1.4	.3	.1								2.0	7.9	7.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	12.9	59.2	23.3	3.1								100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	1.8	1.4	.1	.1							4.1	9.1	8.0
020-040	.7	2.7	2.1	.7	.1							6.4	9.6	9.0
050-070	2.1	3.8			.1							6.1	5.6	5.0
(E) 080-100	3.7	5.8	.6									10.1	5.6	5.0
110-130	2.8	11.6	2.7									17.2	6.8	6.0
140-160	2.6	18.9	14.2	.9								36.5	8.8	8.0
(S) 170-190	1.0	4.7	3.8	.1								9.6	8.4	9.0
200-220	.3	2.4	.6									3.3	7.5	7.0
230-250	.4	.3	.4									1.1	7.6	6.5
(W) 260-280	.3	.6	.1									1.0	5.6	5.0
290-310	.1	.4	.1									.7	7.0	6.0
320-340	.3	.6	.7									1.6	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////										2.4	////////////////////////////////		
TOTALS	14.9	53.6	26.7	1.8	.3							100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 705

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.5	.6	.5								2.9	9.0	8.0
020-040	2.3	4.1	1.5	.3								8.1	7.3	7.0
050-070	3.2	2.7	.3									6.2	4.8	4.0
(E) 080-100	6.6	7.1	.5									14.2	5.1	5.0
110-130	7.1	14.6	3.3	.3								25.3	6.5	6.0
140-160	2.9	18.2	6.5	.3								27.9	7.7	7.0
(S) 170-190	.6	1.1	.5									2.1	7.5	7.5
200-220	.5	.5	.2	.2								1.2	7.4	5.0
230-250	.3	.3	.2									.8	6.6	5.0
(W) 260-280	.2											.2	4.0	4.0
290-310		.2										.2	5.0	5.0
320-340	.2	.8	.2									1.1	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											10.1	////////////////////////////////	
TOTALS	24.2	51.1	13.8	1.6								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 664

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.0	1.1	.3	.3								2.7	7.2	5.0
020-040		2.7	3.7	.8		.2							7.4	6.4	5.0
050-070		4.2	1.8	.3									6.3	4.6	4.0
(E) 080-100		5.8	4.3	.2									10.3	4.8	4.0
110-130		5.5	20.8	2.6	.2								29.0	6.5	6.0
140-160		2.9	17.7	5.5	.8								26.9	7.7	8.0
(S) 170-190		.6	.6	.3									1.6	6.4	7.0
200-220		.2											.2	4.0	4.0
230-250		.2											.2	4.0	4.0
(W) 260-280			.2		.2								.3	10.0	10.0
290-310															
320-340		.8	.5		.2								1.4	6.1	4.0
VARIABLE															
CALM		////////////////////////////////////											13.7	////////////////////////////////	
TOTALS		23.9	50.7	10.0	1.7	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONLO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY 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	1.1	2.4	.9	.4	.0								4.8	7.7	7.0
020-040	3.0	3.8	1.4	.4	.1								8.7	6.9	5.0
050-070	3.7	3.1	.2		.0								7.0	4.9	4.0
(E) 080-100	4.4	4.4	.3	.0								9.2	5.1	5.0	
110-130	5.4	12.0	1.7	.1								19.1	6.2	6.0	
140-160	3.2	17.3	6.6	.5								27.7	7.8	7.0	
(S) 170-190	.9	3.6	2.0	.2								6.7	8.1	8.0	
200-220	.3	.9	.2	.0								1.4	6.5	6.0	
230-250	.3	.4	.1								.8	5.9	5.0		
(W) 260-280	.2	.3	.1	.0								.6	5.7	5.0	
290-310	.3	.4	.2								.8	6.2	5.0		
320-340	.7	1.0	.3	.1	.0								2.1	6.7	5.0
VARIABLE															
CALM	////////////////////////////////////											11.1	////////////////////////////////		
TOTALS	23.5	49.6	14.0	1.7	.1								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 5307

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, T PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAY HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.5	.2								1.5	8.0	6.0
020-040	2.2	1.2	.5	.2								4.0	5.6	4.0
050-070	4.5	2.0										6.5	4.3	4.0
(E) 080-100	6.3	4.3	.3									11.0	4.6	4.0
110-130	10.5	14.1	1.1									25.7	5.4	5.0
140-160	4.2	24.9	2.8									31.8	6.7	7.0
(S) 170-190	1.5	3.7	.5									5.7	6.3	6.0
200-220		.2		.2								.3	11.5	11.5
230-250	.3											.3	3.5	3.5
(W) 260-280		.2	.2									.3	7.5	7.5
290-310														
320-340	.2		.2	.2								.5	10.3	12.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	30.0	51.2	6.1	.8								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN HOURS: 00-02

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	1.8	.2									3.0	5.3	5.0
020-040	3.8	4.0	.2									8.0	5.0	5.0
050-070	3.8	2.2										6.0	4.1	3.5
(E) 080-100	4.7	2.3										7.0	4.2	4.0
110-130	8.0	14.8	1.8	.2								24.8	5.9	6.0
140-160	3.0	20.4	3.8									27.2	6.9	7.0
(S) 170-190	.2	1.3	.5									2.0	7.3	6.5
200-220		.2	.2									.3	7.5	7.5
230-250	.2		.2									.3	9.0	9.0
(W) 260-280														
290-310	.2											.2	4.0	4.0
320-340	.7	.7	.3									1.7	6.1	5.5
VARIABLE														
CALM	////////////////////////////////////											19.6	////////////////////////////////	
TOTALS	25.6	47.7	7.2	.2								100.0	4.8	6.0
TOTAL NUMBER OF OBSERVATIONS 602														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.2	1.2										2.3	4.8	4.5
020-040	5.3	3.3	.2									8.8	4.5	4.0
050-070	4.0	1.8										5.8	4.2	4.0
(E) 080-100	4.6	.7	.3									5.6	4.0	3.0
110-130	8.3	7.0	.3									15.6	4.9	4.0
140-160	4.5	13.6	2.0	.2								20.2	6.5	6.0
(S) 170-190	.7	2.8										3.5	6.0	6.0
200-220	.2	.5										.7	4.8	5.0
230-250	.7	.5	.2									1.3	5.5	4.5
(W) 260-280	.3	.2		.2								.7	6.8	4.5
290-310	.5	.2										.7	5.0	4.0
320-340	1.8	1.2	.2									3.1	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											31.8	////////	
TOTALS	32.1	33.0	3.2	.4								100.0	3.6	5.0
TOTAL NUMBER OF OBSERVATIONS 604														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.7	.1									4.8	5.4	5.0
020-040	5.8	4.6	.6									11.0	5.0	4.0
050-070	5.3	1.4	.1									6.8	4.0	4.0
(E) 080-100	5.0	1.4										6.4	3.9	4.0
110-130	8.0	8.1	.4									16.5	5.1	5.0
140-160	5.5	14.5	3.1	.3								23.5	6.7	6.0
(S) 170-190	2.0	1.4	.7									4.1	5.8	5.0
200-220		.4										.4	7.3	7.0
230-250	.7	.3	.3									1.3	6.0	4.0
(W) 260-280	.1	.1										.3	5.0	5.0
290-310	.1		.1									.3	8.0	8.0
320-340	.9	1.0	.1									2.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											22.6	////////////////////////////////	
TOTALS	35.4	35.9	5.5	.3								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 703

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.3	1.8	.7	.1								2.9	8.2	8.0
020-040	1.2	3.4	1.3	.3								6.2	7.5	6.0
050-070	2.8	1.6	.4	.1								5.0	5.4	4.0
(E) 080-100	3.7	2.4	.1									6.2	4.8	4.0
110-130	3.4	7.2	.3	.1								11.1	5.8	5.0
140-160	3.8	26.7	8.6	.7								39.8	7.6	7.0
(S) 170-190	2.1	9.1	5.2									16.4	7.9	8.0
200-220	1.0	1.8	.1									2.9	5.6	5.0
230-250	.6	.9										1.5	5.0	5.0
(W) 260-280	.3	.3										.6	5.5	5.0
290-310	.3	.3										.6	5.0	5.0
320-340	.3	.1										.4	4.7	3.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	19.8	55.6	16.7	1.3								100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	.6	1.3	.7									2.6	7.6	8.0
020-040	1.0	2.8	1.2	.3								5.3	8.1	7.5
050-070	1.6	2.1	.3									4.0	6.0	5.0
(E) 080-100	1.9	3.8	.1									5.9	5.1	5.0
110-130	4.0	11.7	.7									16.4	6.0	6.0
140-160	2.9	22.6	11.6	.9	.1							38.1	8.3	8.0
(S) 170-190	2.2	9.7	6.6	.3								18.8	8.4	8.0
200-220	1.2	.6	.1									1.9	5.1	4.0
230-250	.4	1.3	.1									1.9	5.8	6.0
(W) 260-280	.1											.1	3.0	3.0
290-310	.3	.7										1.0	4.7	5.0
320-340	.3	.6	.4									1.3	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	16.5	57.2	21.8	1.5	.1							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 682														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		.9	.4	.1		.1					1.6	10.7	9.0
020-040	.4	2.9	2.5	.1							6.0	8.8	9.0
050-070	2.5	3.9	.1								6.6	5.3	5.0
(E) 080-100	2.0	5.8	.6								8.5	6.1	6.0
110-130	4.1	18.7	1.8	.3	.1						25.0	6.5	6.0
140-160	3.2	21.2	9.3	1.2							34.9	8.2	8.0
(S) 170-190	1.3	4.8	4.1	.3							10.5	8.7	9.0
200-220	.7	1.6	.1								2.5	6.1	6.0
230-250	.3	.4									.7	5.2	5.0
(W) 260-280		.1									.1	6.0	6.0
290-310	.1	.1									.3	4.0	4.0
320-340		.7	.4	.1							1.3	9.3	8.0
VARIABLE													
CALM	////////////////////////////////////										2.0	////////	
TOTALS	14.6	61.1	19.3	2.1	.1	.1					100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 685													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5	.8									1.2	9.5	10.5
020-040	.6	3.9	1.2	.2								5.9	7.6	7.0
050-070	3.9	4.1	.2									8.2	4.9	5.0
(E) 080-100	7.4	6.2	.6									14.2	5.0	4.0
110-130	10.3	17.5	3.5	.5								31.7	6.2	6.0
140-160	5.4	16.8	6.3	.9								29.5	7.5	7.0
(S) 170-190	.6	2.1	.6									3.3	7.1	7.0
200-220	.2	.5										.6	5.3	5.5
230-250														
(W) 260-280		.2										.2	5.0	5.0
290-310	.2											.2	3.0	3.0
320-340					.2							.2	20.0	20.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////	
TOTALS	28.6	51.8	13.2	1.6	.2							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 662														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.0	.5									2.0	6.8	6.0
020-040	2.3	3.0	.8			.2						6.2	6.6	5.0
050-070	4.3	1.3										5.6	4.1	4.0
(E) 080-100	4.6	4.4	.2									9.2	4.9	4.5
110-130	7.9	17.6	3.9	.2								29.6	6.6	6.0
140-160	3.3	16.8	10.5	.5								31.1	8.3	8.0
(S) 170-190	.7	.5	.2									1.3	5.6	4.5
200-220		.3										.3	5.0	5.0
230-250														
(W) 260-280														
290-310	.2											.2	4.0	4.0
320-340	.3	.3	.2									.8	7.2	8.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////////////////////////////	
TOTALS	24.1	45.2	16.3	.7		.2						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN 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	.7	1.4	.4	.0		.0						2.6	6.8	6.0
020-040	2.5	3.5	1.0	.1		.0						7.2	6.4	6.0
050-070	3.5	2.3	.2	.0								6.0	4.7	4.0
(E) 080-100	4.2	3.4	.2									7.9	4.8	4.0
110-130	6.7	12.8	1.6	.2	.0							21.2	6.0	6.0
140-160	4.0	19.1	7.0	.6	.0							30.7	7.6	7.0
(S) 170-190	1.2	4.1	2.3	.1								7.7	7.8	8.0
200-220	.4	.7	.1									1.2	5.7	5.0
230-250	.4	.4	.1									.9	5.7	5.0
(W) 260-280	.1	.1		.0								.2	5.6	5.0
290-310	.2	.2	.0									.4	4.9	4.0
320-340	.5	.6	.2	.0	.0							1.3	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////////////////////////////	
TOTALS	24.4	48.6	13.1	1.0								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 5224

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.5	.5	1.0									2.1	8.3	9.0
020-040	3.4	2.1	.3									5.7	5.0	4.0
050-070	2.3	1.3	.3									3.9	4.7	4.0
(E) 080-100	3.9	1.6										5.4	4.1	4.0
110-130	8.5	13.2	1.0									22.7	5.6	5.0
140-160	7.2	24.5	3.9									35.7	6.4	6.0
(S) 170-190	1.3	3.4	.5									5.2	6.3	7.0
200-220	.3		.3									.5	7.0	7.0
230-250	.5											.5	4.0	4.0
(W) 260-280				.3								.3	15.0	15.0
290-310		.3										.3	5.0	5.0
320-340	.5	.3										.8	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											17.1	////////////////////////////////	
TOTALS	28.4	47.2	7.3	.3								100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 387

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2										.5	4.3	4.0
020-040	3.1	.8										3.9	3.9	4.0
050-070	1.6	.6	.2									2.4	4.5	4.0
(E) 080-100	4.2	2.3										6.5	4.2	4.0
110-130	11.7	14.0										25.6	4.9	5.0
140-160	5.2	27.4	3.4									36.0	6.6	6.0
(S) 170-190	.5	1.6	.3									2.4	6.3	6.0
200-220		.2										.2	5.0	5.0
230-250														
(W) 260-280														
290-310	.5											.5	4.0	4.0
320-340	.2											.2	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											21.8	////////	
TOTALS	27.3	47.1	3.9									100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 616														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.5	.8										2.3	4.6	4.0
020-040	4.6	2.3	.2									7.0	4.3	4.0
050-070	1.8	.5										2.3	3.9	3.5
(E) 080-100	4.2	.5										4.7	3.6	3.0
110-130	9.8	4.6	.2									14.5	4.2	4.0
140-160	5.4	10.1	1.3									16.8	5.7	5.0
(S) 170-190	1.6	1.1	.3									3.1	5.4	4.0
200-220	.2	.3										.5	4.7	5.0
230-250	.3											.3	3.0	3.0
(W) 260-280														
290-310	.2											.2	3.0	3.0
320-340	1.0	.5										1.5	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											46.7	////////////////////////////////	
TOTALS	30.6	20.7	2.0									100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.5	.3									2.4	5.7	5.0
020-040	5.0	3.9	.2									9.1	4.7	4.0
050-070	4.0	1.1										5.2	3.8	4.0
(E) 080-100	4.0	1.5										5.5	4.0	4.0
110-130	10.4	6.6										17.0	4.4	4.0
140-160	4.9	14.9	1.9									21.7	6.4	6.0
(S) 170-190	.2	2.4	.5									3.1	6.9	6.0
200-220														
230-250	.2											.2	4.0	4.0
(W) 260-280														
290-310	.2											.2	3.0	3.0
320-340	.6	.5										1.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											34.6	////////////////////////////////	
TOTALS	30.1	32.4	2.9									100.0	3.4	5.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.7	.8										1.5	5.2	5.0
020-040	1.0	1.3	.2									2.5	5.3	5.0
050-070	2.3	2.2										4.5	4.7	4.0
(E) 080-100	2.8	1.3										4.2	4.4	4.0
110-130	5.8	8.5	.5									14.9	5.2	5.0
140-160	5.7	27.9	10.0	.7								44.2	7.7	7.0
(S) 170-190	2.3	13.0	4.0	.3								19.7	7.4	7.0
200-220	1.2	1.2										2.3	5.1	4.5
230-250	.8	.2										1.0	4.3	4.0
(W) 260-280														
290-310	.3	.3										.7	4.5	4.5
320-340														
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	22.9	56.7	14.7	1.0								100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 599														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.5									1.3	8.1	8.0
020-040	.3	1.6	.5									2.4	7.3	6.0
050-070	1.1	1.5	.2									2.8	5.5	5.0
(E) 080-100	2.6	2.1										4.7	4.9	4.0
110-130	4.4	11.4	.7									16.4	5.7	5.0
140-160	4.4	24.3	12.4	.7								41.7	8.0	8.0
(S) 170-190	2.1	15.1	5.0	.8								23.1	8.1	8.0
200-220	.5	1.6	.3									2.4	6.8	6.0
230-250	.8	.7										1.5	4.4	4.0
(W) 260-280		.2										.2	5.0	5.0
290-310														
320-340		.5		.2								.7	9.0	7.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	16.4	59.7	19.6	1.7								100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUL 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		.5	1.1	.6									2.2	7.4	6.5
020-040		1.1	1.9	.8	.3								4.2	7.6	7.0
050-070		1.0	.8	.3									2.1	5.6	5.0
(E) 080-100		2.2	3.8	.5									6.5	5.6	5.0
110-130		5.6	16.3	2.1	.2								24.1	6.3	6.0
140-160		3.2	26.4	12.9	1.0								43.5	8.4	8.0
(S) 170-190		1.4	7.2	2.9	.6								12.1	7.9	7.0
200-220		.6	.5										1.1	5.0	4.0
230-250		.2	.2										.3	4.0	4.0
(W) 260-280		.3	.2										.5	5.3	4.0
290-310		.2	.2	.3									.6	9.3	9.5
320-340		.3	.2	.2									.6	6.3	5.5
VARIABLE															
CALM		////////////////////////////////////											2.1	////////////////////////////////	
TOTALS		16.6	58.8	20.6	2.1								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL 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	.2	1.3	.5									1.9	7.5	7.0
020-040	.6	3.0	.5	.2								4.3	7.1	7.0
050-070	2.1	1.4	.2									3.7	5.1	4.0
(E) 080-100	4.9	4.9	.2									10.0	4.8	5.0
110-130	9.1	18.5	2.4	.2								30.1	6.0	6.0
140-160	5.6	23.4	8.1	.5								37.6	7.4	7.0
(S) 170-190	.5	2.1	.3	.2								3.0	7.2	6.0
200-220														
230-250		.2										.2	5.0	5.0
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											9.2	//////////	
TOTALS	23.0	54.8	12.2	1.1								100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 628														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.1										1.4	6.3	6.0
020-040	2.6	1.1	.5									4.2	5.3	4.0
050-070	2.7	1.1										3.9	4.6	4.0
(E) 080-100	4.3	2.1										6.4	4.1	4.0
110-130	7.2	16.5	2.6	.2								26.5	6.3	6.0
140-160	4.7	25.7	7.2	.6								38.2	7.5	7.0
(S) 170-190	.5	1.0	.6									2.1	7.5	7.0
200-220		.2										.2	5.0	5.0
230-250		.2										.2	5.0	5.0
(W) 260-280														
290-310														
320-340		.2										.2	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////	
TOTALS	22.3	49.2	10.9	.8								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 623

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.5	.9	.2									1.7	6.3	6.0
020-040	7.3	2.0	.3	.1								4.7	5.4	5.0
050-070	2.1	1.2	.1									3.3	4.6	4.0
(E) 080-100	3.7	2.3	.1									6.1	4.5	4.0
110-130	8.0	12.1	1.1	.1								21.2	5.5	5.0
140-160	4.9	22.5	7.2	.4								35.0	7.4	7.0
(S) 170-190	1.1	5.4	1.7	.2								8.5	7.6	7.0
200-220	.3	.5	.0									.8	5.7	5.0
230-250	.3	.2										.4	4.3	4.0
(W) 260-280	.0	.0										.1	5.3	4.5
290-310	.2	.1	.0									.3	5.6	4.0
320-340	.3	.2	.0	.0								.5	5.5	4.5
VARIABLE														
CALM	////////////////////////////////////											17.3	////////////////////////////////	
TOTALS	23.7	47.4	10.7	.8								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 4936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS: ALL

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

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.3	.3									.7	9.0	9.0
020-040		.3		.3									.7	9.0	9.0
050-070		2.4	2.8	.7									5.9	5.7	5.0
(E) 080-100		6.3	1.7										8.0	4.0	4.0
110-130		10.5	9.8	.3									20.6	4.8	4.0
140-160		5.6	22.4	3.5									31.5	6.5	6.0
(S) 170-190		.3	2.4	1.0	.3								4.2	7.8	6.0
200-220															
230-250															
(W) 260-280															
290-310															
320-340															
VARIABLE															
CALM		////////////////////											28.3	////////	
TOTALS		25.4	39.4	6.1	.3								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.3									1.1	7.4	7.0
020-040	1.8	2.1		.2								4.0	5.1	5.0
050-070	1.9	.2										2.1	3.9	4.0
(E) 080-100	4.2	1.0	.2									5.3	4.2	4.0
110-130	10.8	15.4	1.0									27.2	5.3	5.0
140-160	5.3	23.8	2.4	.2								31.7	6.6	6.0
(S) 170-190	.8	2.9	.2									3.9	5.9	6.0
200-220	.5	.2										.6	4.0	4.0
230-250														
(W) 260-280	.2											.2	3.0	3.0
290-310		.2										.2	5.0	5.0
320-340	.3											.3	3.5	3.5
VARIABLE														
CALM	////////////////////////////////////											23.5	////////	
TOTALS	26.1	46.3	4.1	.4								100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 622														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	.8	1.5										2.3	5.4	5.0
020-040	3.8	2.2										6.0	4.1	4.0
050-070	1.7	.3										2.0	3.8	4.0
(E) 080-100	5.3	.8										6.2	3.6	3.0
110-130	9.8	5.5										15.3	4.2	4.0
140-160	4.0	9.2	.7									13.8	5.7	5.0
(S) 170-190	.3	.2										.5	4.3	4.0
200-220														
230-250		.2										.2	7.0	7.0
(W) 260-280														
290-310	.2											.2	4.0	4.0
320-340	.8	.2										1.0	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											52.5	////////////////////////////////	
TOTALS	26.7	20.1	.7									100.0	2.2	4.0
TOTAL NUMBER OF OBSERVATIONS .600														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.1	.5									2.8	6.2	6.0
020-040	6.2	3.4	.2									9.7	4.6	4.0
050-070	5.5	1.1										6.7	3.6	3.0
(E) 080-100	4.9	1.6										6.5	3.9	4.0
110-130	10.1	5.2										15.3	4.3	4.0
140-160	5.2	12.3	.6									18.2	5.8	6.0
(S) 170-190	.6	1.5										2.1	6.1	6.0
200-220														
230-250														
(W) 260-280														
290-310														
320-340	.5	.3										.8	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											38.0	////////////////////////////////	
TOTALS	34.1	26.5	1.3									100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 616														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.7	.2									1.3	6.0	5.5
020-040	.8	2.6	.7									4.1	6.6	7.0
050-070	1.6	1.5										3.1	4.9	4.0
(E) 080-100	4.3	2.5										6.7	4.3	4.0
110-130	7.2	6.4	.3									13.9	5.0	4.0
140-160	5.4	29.5	5.7									40.6	7.0	7.0
(S) 170-190	2.8	11.9	5.1									19.8	7.3	7.0
200-220	1.0	1.6										2.6	5.8	6.0
230-250	.2	1.1										1.3	5.8	5.5
(W) 260-280	.3	.3										.7	5.8	6.0
290-310		.8										.8	6.0	6.0
320-340	.3	.3										.7	4.5	4.5
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	24.4	59.2	12.0									100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.2										1.8	5.9	5.0
020-040	1.2	2.8	.7									4.6	6.5	6.0
050-070	1.5	2.5										3.9	5.2	5.0
(E) 080-100	3.1	3.6	.3									7.1	5.3	5.0
110-130	4.6	12.3	.8									17.8	6.0	6.0
140-160	3.9	26.2	9.4	.3								39.8	7.7	7.5
(S) 170-190	1.6	11.5	5.9	.2								19.2	8.2	8.0
200-220	.5	2.3										2.8	6.5	6.0
230-250	.3	.2										.5	4.7	4.0
(W) 260-280	.3											.3	4.0	4.0
290-310	.2	.2										.3	5.5	5.5
320-340	.2	.3										.5	4.3	5.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	18.1	63.1	17.1	.5								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010		.6	1.0									1.6	9.8	10.0
020-040	.5	1.6	.5	.3								2.9	7.7	7.0
050-070	1.1	2.3										3.9	5.6	5.5
(E) 080-100	2.3	5.3										7.6	5.5	5.0
110-130	5.2	16.0	2.3	.2								23.7	6.4	6.0
140-160	3.7	27.9	10.0	.6								42.3	7.8	7.0
(S) 170-190	1.5	9.4	2.8	.2								13.8	7.9	8.0
200-220	.2	1.0	.3									1.5	6.9	6.0
230-250		.2										.2	5.0	5.0
(W) 260-280		.2										.2	5.0	5.0
290-310														
320-340	.2		.2									.3	7.5	7.5
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	14.7	65.0	17.1	1.3								100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 617														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.1	.2									1.4	7.3	8.0
020-040	1.3	1.6	1.0		.2							4.0	7.8	8.0
050-070	1.8	1.4	.2									3.4	5.1	4.0
(E) 080-100	4.0	3.4	.5									7.8	5.1	4.0
110-130	10.9	17.3	3.2									31.4	6.0	5.5
140-160	5.9	25.9	7.0	.6								39.5	7.2	7.0
(S) 170-190	.6	2.9	1.0									4.5	7.4	7.0
200-220	.2	.5	.2									.8	6.8	6.0
230-250		.2										.2	6.0	6.0
(W) 260-280														
290-310	.2	.5										.6	6.5	6.5
320-340		.2		.2								.3	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	25.1	55.0	13.3	.8	.2							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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		1.0										1.0	6.3	6.0
020-040	1.3	3.5	.3									5.1	6.1	6.0
050-070	1.3	1.4										2.7	4.8	5.0
(E) 080-100	3.3	1.7	.3									5.4	4.7	4.0
110-130	6.0	17.8	4.5									28.3	6.6	6.0
140-160	4.1	25.9	10.2	.5								40.7	7.8	8.0
(S) 170-190	.3	1.3	.3									1.9	6.7	6.5
200-220	.2	.2										.3	5.0	5.0
230-250	.2											.2	4.0	4.0
(W) 260-280		.2	.2									.3	8.5	8.5
290-310	.2											.2	3.0	3.0
320-340	.3											.3	3.5	3.5
VARIABLE														
CALM	////////////////////////////////////											13.7	////////////////////////////////	
TOTALS	17.2	53.0	15.8	.5								100.0	6.0	7.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.3									1.7	6.7	7.0
020-040	2.1	2.5	.4	.1	.0							5.1	5.7	5.0
050-070	2.0	1.4	.0									3.5	4.6	4.0
(E) 080-100	3.9	2.5	.2									6.6	4.6	4.0
110-130	8.1	12.1	1.5	.0								21.7	5.7	5.0
140-160	4.7	22.6	5.8	.3								33.4	7.2	7.0
(S) 170-190	1.1	5.2	1.9	.0								8.2	7.5	7.0
200-220	.3	.7	.1									1.1	6.1	6.0
230-250	.1	.2										.3	5.5	5.0
(W) 260-280	.1	.1	.0									.2	5.6	4.5
290-310	.1	.2										.3	5.6	5.0
320-340	.3	.2	.0	.0								.5	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											17.6	////////	
TOTALS	23.2	48.7	10.2	.4								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 4928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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		.6	.6								1.1	8.5	8.5
020-040	3.4	2.3	.6	.6							6.9	5.6	4.5
050-070	4.0										4.0	3.4	3.0
(E) 080-100	5.2	1.7									6.9	3.8	4.0
110-130	8.0	7.5									15.5	4.6	4.0
140-160	8.0	25.3	4.0								37.4	6.5	6.0
(S) 170-190	.6	1.1									1.7	5.3	6.0
200-220													
230-250		.6									.6	7.0	7.0
(W) 260-280													
290-310													
320-340													
VARIABLE													
CALM	////////////////////////////////////										25.9	////////////////////////////////	
TOTALS	29.2	39.1	5.2	.6							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 174

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	4.1	.5	.7								8.2	6.4	5.5
020-040	5.9	5.4	2.1	.2								13.6	6.1	5.0
050-070	2.6	.7										3.3	3.8	3.0
(E) 080-100	3.0	1.6										4.6	4.4	4.0
110-130	6.2	8.2	1.1	.3								15.9	5.7	5.0
140-160	4.8	16.7	3.1									24.6	6.6	6.0
(S) 170-190	.2	.3	.2									.7	7.0	6.5
200-220														
230-250	.2	.2										.3	4.0	4.0
(W) 260-280														
290-310	.3											.3	3.0	3.0
320-340	2.3	1.6										3.9	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											24.6	////////////////////////////////	
TOTALS	28.5	38.8	7.0	1.2								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP 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		5.1	6.3	.7	.3								12.4	5.8	5.0
020-040		7.9	7.4	2.1	.3								17.9	5.7	5.0
050-070		3.5	.3	.2									4.0	4.0	3.0
(E) 080-100		3.6	1.2										4.8	3.8	4.0
110-130		5.1	3.8	.2									9.1	4.7	4.0
140-160		3.3	11.7	3.5									18.5	6.9	6.0
(S) 170-190		.5	.5	.2									1.2	5.4	6.0
200-220		.2											.2	3.0	3.0
230-250															
(W) 260-280															
290-310															
320-340		2.1	.7										2.8	4.2	4.0
VARIABLE															
CALM		////////////////////////////////////											29.3	//////////	
TOTALS		31.3	31.9	6.9	.6								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 605

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	7.9	1.8	.3								13.6	6.7	6.0
020-040	7.9	8.2	2.5	.2								18.7	5.8	5.0
050-070	4.6	3.4										8.0	4.4	4.0
(E) 080-100	3.4	1.3										4.7	4.3	4.0
110-130	5.2	2.8	.3									8.3	4.6	4.0
140-160	4.1	11.9	1.0									17.0	6.1	6.0
(S) 170-190	.7	1.6	.2									2.5	5.8	5.0
200-220														
230-250														
(W) 260-280														
290-310		.2										.2	8.0	8.0
320-340	1.5	1.0										2.5	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											24.5	////////////////////////////////	
TOTALS	31.0	38.3	5.8	.5								100.0	4.2	5.0
TOTAL NUMBER OF OBSERVATIONS 611														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.2	2.0	2.5	.7								6.4	9.4	9.5
020-040	1.2	7.2	3.7	.8								12.9	8.6	8.0
050-070	2.7	4.5										7.2	5.3	5.0
(E) 080-100	3.5	3.4	.2									7.1	5.0	4.5
110-130	4.7	5.7	.2									10.6	5.1	5.0
140-160	3.2	15.6	7.9	.5								27.2	8.0	8.0
(S) 170-190	2.5	9.6	4.9	.2								17.1	7.7	7.0
200-220	.3	2.2	.2									2.7	6.8	6.0
230-250	.7	.5										1.2	4.6	4.0
(W) 260-280														
290-310	.5	.5										1.0	4.5	4.5
320-340	.7	.8										1.5	5.2	6.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////	
TOTALS	21.2	52.0	19.6	2.2								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 595

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.7	2.7	.9								5.8	10.3	10.0
020-040	1.0	6.0	4.4	.2								11.6	8.5	7.5
050-070	1.4	5.1	1.0	.2								7.7	6.8	6.0
(E) 080-100	1.5	4.1										5.6	5.5	6.0
110-130	1.9	8.0	.5									10.4	6.1	6.0
140-160	2.0	17.2	10.7	.5								30.4	8.5	8.0
(S) 170-190	1.7	9.9	5.1	1.0								17.7	8.4	8.0
200-220	1.0	1.9	.5									3.4	6.3	6.0
230-250	1.4	1.5										2.9	5.0	5.0
(W) 260-280		.2										.2	5.0	5.0
290-310	.3	.2										.5	4.3	4.0
320-340	.5	1.0										1.5	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	13.2	56.8	24.9	2.8								100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 588

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.0	3.2	1.5								6.3	11.3	12.0
020-040	.7	5.3	3.7	.5								10.1	8.9	8.0
050-070	2.2	4.5	.3									7.0	5.7	5.0
(E) 080-100	1.8	6.3	1.0									9.1	6.3	6.0
110-130	3.0	10.3	2.2	.2								15.6	6.6	6.0
140-160	2.0	18.3	8.5	.7								29.4	8.2	8.0
(S) 170-190	1.2	5.6	4.7	.5								12.0	8.7	8.0
200-220	.5	1.5	.5									2.5	6.5	6.0
230-250	.3	.3										.7	5.3	5.0
(W) 260-280			.3									.3	10.5	10.5
290-310	.7	.7	.2									1.5	5.2	5.0
320-340	.7	.5	.5									1.7	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	13.8	54.3	25.1	3.4								100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 602														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.1	1.6	.7	.2							5.1	10.0	9.0
020-040	1.8	7.6	2.8	.8	.2							13.2	7.8	7.0
050-070	2.1	2.8	.3	.2								5.4	5.5	5.0
(E) 080-100	7.2	4.3	.8									12.3	4.9	4.0
110-130	7.6	11.7	1.8	.2								21.2	5.9	5.0
140-160	5.8	12.8	2.8	.3								21.7	6.8	6.0
(S) 170-190	1.0	3.6	.5	.2								5.3	6.3	5.5
200-220	.8	.2										1.0	4.2	4.0
230-250	.2											.2	4.0	4.0
(W) 260-280														
290-310	.5											.5	3.3	3.0
320-340	.7	.3										1.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////////////////////////////	
TOTALS	28.2	45.4	10.6	2.4	.4							100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 608														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	2.0	2.8	1.5									6.3	6.6	5.5
020-040	4.0	5.6	2.7	.2	.2							12.6	6.7	6.0
050-070	4.2	1.5										5.6	4.1	4.0
(E) 080-100	4.7	2.7	.2									7.5	4.5	4.0
110-130	4.2	12.5	2.0									18.6	6.4	6.0
140-160	4.2	15.1	6.0	.2								25.4	7.5	7.0
(S) 170-190	1.0	.7	.2	.3								2.2	7.1	5.0
200-220	.3	.2	.3									.8	8.8	8.0
230-250														
(W) 260-280														
290-310														
320-340	1.2	1.0										2.2	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											18.8	////////////////////////////////	
TOTALS	25.8	42.1	12.9	.7	.2							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.5	1.8	.6	.0							8.0	7.8	7.0
020-040	3.8	6.6	3.0	.4	.0							13.8	7.0	6.0
050-070	2.9	2.8	.2	.0								6.0	5.1	5.0
(E) 080-100	3.6	3.1	.3									7.0	4.9	4.0
110-130	4.8	7.9	1.0	.1								13.7	5.8	5.0
140-160	3.7	14.9	5.4	.3								24.2	7.4	7.0
(S) 170-190	1.1	3.9	1.9	.3								7.2	7.8	7.0
200-220	.4	.7	.2									1.3	6.4	6.0
230-250	.3	.3										.6	4.8	4.0
(W) 260-280		.0	.0									.1	8.7	10.0
290-310	.3	.2	.0									.5	4.6	4.0
320-340	1.2	.9	.1									2.1	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	24.2	44.8	13.9	1.7								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 4821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: SEP HOURS: ALL

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

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.4										.4	9.0	9.0
020-040		.7	4.4			.4							5.6	7.3	7.0
050-070		3.0	1.9										4.8	4.2	3.0
(E) 080-100		3.7	1.1										4.8	4.5	4.0
110-130		7.8	8.9	1.5									18.1	5.5	5.0
140-160		8.9	33.7	8.5									51.1	6.9	7.0
(S) 170-190		.7	2.6	1.1									4.4	7.6	7.0
200-220				.4									.4	14.0	14.0
230-250															
(W) 260-280															
290-310															
320-340			.4										.4	6.0	6.0
VARIABLE															
CALM		////////////////////											10.0	////////	
TOTALS		24.8	53.4	11.5		.4							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 270

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT HOURS: 00-02

		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		4.8	5.6	.5	.3	.2							11.3	5.8	5.0
020-040		7.8	7.2	1.6	.5								17.1	5.6	5.0
050-070		3.5	.8										4.3	4.0	3.0
(E) 080-100		2.4	1.0										3.4	4.0	4.0
110-130		6.2	6.4	.8									13.4	5.2	5.0
140-160		3.5	13.4	2.9	.3								20.1	6.9	7.0
(S) 170-190		.6	2.2	.2									3.0	6.4	7.0
200-220															
230-250															
(W) 260-280				.2									.2	10.0	10.0
290-310				.2									.2	12.0	12.0
320-340		2.9	1.8	.2	.3								5.1	5.4	4.0

VARIABLE															
CALM		////////////////////////////////////											21.9	////////////////////////////////	
TOTALS		31.7	38.4	6.6	1.4	.2							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	4.9	1.6	1.0		.2						12.8	6.9	5.5
020-040	9.1	6.5	1.8	.2								17.5	5.5	4.0
050-070	2.2	1.1	.2									3.5	4.3	4.0
(E) 080-100	2.6	1.4	.2									4.1	4.5	4.0
110-130	3.8	4.0	.3									8.1	5.2	5.0
140-160	3.0	9.1	1.8									13.9	6.7	7.0
(S) 170-190	.6	2.7	.2									3.5	6.0	6.0
200-220		.2										.2	5.0	5.0
230-250	.2		.2									.3	8.5	8.5
(W) 260-280		.3										.3	6.5	6.5
290-310	.6	.2										.8	4.0	4.0
320-340	4.8	2.9	.5	.2								8.3	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											26.6	////////////////////////////////	
TOTALS	32.0	33.3	6.8	1.4		.2						100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 627														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	6.1	5.5	1.5	1.6								14.7	6.9	5.0
020-040	9.0	7.9	1.6	.8								19.4	5.9	5.0
050-070	5.8	1.0										6.8	3.8	4.0
(E) 080-100	3.4	.6										4.0	3.7	4.0
110-130	4.2	2.4	.5									7.1	5.0	4.0
140-160	2.7	7.3	1.9									12.0	6.5	6.0
(S) 170-190	.6	2.1	.5									3.2	6.6	6.0
200-220	.2	.3										.5	5.7	5.0
230-250	.3	.2										.5	5.0	4.0
(W) 260-280	.5											.5	4.0	4.0
290-310	.6											.6	3.5	3.5
320-340	4.5	2.6	.3	.3								7.8	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////	
TOTALS	37.9	29.9	6.3	2.7								100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 619														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	2.9	3.8	1.1	.3							8.5	11.2	11.5
020-040		2.5	8.2	3.6	.5								14.7	7.9	8.0
050-070		5.4	4.3	.7									10.3	5.0	4.0
(E) 080-100		3.9	2.6										6.5	4.6	4.0
110-130		3.1	4.7	.3									8.2	5.4	5.0
140-160		2.6	11.5	6.2	.3								20.6	8.0	8.0
(S) 170-190		1.5	6.7	5.2	.3								13.7	8.4	8.0
200-220		.2	2.8	.5									3.4	6.9	7.0
230-250		.5	1.8										2.3	5.7	6.0
(W) 260-280		.7	.3										1.0	4.2	3.5
290-310		1.0	.3										1.3	3.6	3.0
320-340		.5	.7	.5	.5	.3							2.5	10.9	10.0
VARIABLE															
CALM		////////////////////////////////////											6.9	////////////////////////////////	
TOTALS		22.2	46.8	20.8	2.7	.6							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	1.3	4.8	2.6								8.9	12.4	12.0
020-040	1.8	4.1	2.6	.7								9.2	8.1	7.0
050-070	4.0	3.1										7.1	4.7	4.0
(E) 080-100	2.5	2.6	.2									5.3	5.1	5.0
110-130	3.0	6.8	.7	.2								10.5	6.1	6.0
140-160	2.1	14.5	8.2	.7								25.5	8.4	8.0
(S) 170-190	1.5	10.9	7.6	.8								20.8	8.8	9.0
200-220	1.3	3.5	.8									5.6	6.5	6.0
230-250	.5	1.8										2.3	5.8	5.0
(W) 260-280	.2	.3										.5	4.7	5.0
290-310		.3										.3	6.0	6.0
320-340	.3	.7		.5								1.5	9.7	9.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	17.4	49.9	24.9	5.5								100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.1	4.0	1.8	.5							7.8	12.6	13.0
020-040	1.3	4.5	3.0	.5								9.3	8.3	7.0
050-070	4.0	2.7										6.7	4.5	4.0
(E) 080-100	2.9	1.9										4.8	4.5	4.0
110-130	4.0	7.7	1.0									12.6	5.9	6.0
140-160	4.6	19.4	7.5	.6								32.2	7.4	7.0
(S) 170-190	1.6	8.6	4.3									14.6	8.0	8.0
200-220	.2	2.7										2.9	7.0	7.0
230-250	.5	1.8	.2									2.4	6.3	7.0
(W) 260-280	.2	.5										.6	5.0	5.0
290-310		.3										.3	7.5	7.5
320-340	.8	.5	.2	.5								1.9	8.1	5.5
VARIABLE														
CALM	////////////////////////////////////											3.8	////////	
TOTALS	20.6	51.7	20.2	3.4	.5							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	2.9	2.1	.5	.2							5.9	9.2	9.0
020-040		3.5	4.2	2.4	.2								10.2	6.8	6.0
050-070		3.5	.8										4.3	3.9	4.0
(E) 080-100		5.4	1.9	.2									7.5	4.3	4.0
110-130		9.7	7.0	1.6	.2								18.5	5.5	4.0
140-160		10.4	11.7	1.4	.2								23.6	5.3	5.0
(S) 170-190		1.4	3.0	.3									4.8	5.7	5.0
200-220		.5	.5										1.0	4.7	4.5
230-250			.2										.2	6.0	6.0
(W) 260-280															
290-310		.6	.2										.8	4.2	4.0
320-340		.5	.5	.2									1.1	6.3	7.0
VARIABLE															
CALM		////////////////////////////////////											22.0	////////////////////////////////	
TOTALS		35.8	32.9	8.2	1.1	.2							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	2.7	4.7	1.8	.3								9.5	6.7	6.0
020-040	4.3	3.7	1.1									9.2	5.6	5.0
050-070	4.5	1.1										5.6	3.9	4.0
(E) 080-100	3.5	1.6										5.1	4.5	4.0
110-130	5.6	9.3	2.3	.5								17.7	6.5	6.0
140-160	2.9	15.6	3.1									21.5	7.0	7.0
(S) 170-190	1.0	.8										1.8	5.5	4.0
200-220	.3											.3	3.0	3.0
230-250	.2											.2	4.0	4.0
(W) 260-280	.3											.3	4.0	4.0
290-310	.2											.2	4.0	4.0
320-340	1.1	2.4		.5								4.0	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											24.6	////////////////////////////////	
TOTALS	26.6	39.2	8.3	1.3								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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
(DEGREES)												%
												WIND
												WIND
(N) 350-010	2.5	3.6	2.5	1.1	.1	.0						9.9
020-040	4.9	5.8	2.2	.4								13.3
050-070	4.1	1.9	.1									6.1
(E) 080-100	3.3	1.7	.1									5.1
110-130	5.0	6.0	.9	.1								12.0
140-160	4.0	12.8	4.1	.3								21.2
(S) 170-190	1.1	4.6	2.3	.1								8.1
200-220	.3	1.2	.2									1.7
230-250	.3	.7	.0									1.0
(W) 260-280	.2	.2	.0									.4
290-310	.4	.2	.0									.6
320-340	1.9	1.5	.2	.3	.0							4.0
VARIABLE												
CALM	////////////////////////////////////											16.5
TOTALS	28.0	40.2	12.6	2.3	.1							100.0

TOTAL NUMBER OF OBSERVATIONS 4963

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC. + 6 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	2.2	1.1	1.7	.4	.2							5.6	8.3	8.0
020-040	3.9	3.0	1.3	.4								8.6	6.3	5.0
050-070	6.9	3.4	.2									10.5	4.4	4.0
(E) 080-100	8.2	1.9										10.1	3.9	4.0
110-130	6.9	5.8	1.1									13.8	5.4	4.5
140-160	4.7	17.6	3.9									26.2	6.8	7.0
(S) 170-190	1.3	5.4	1.1									7.7	6.6	6.0
200-220	.2	.6										.9	6.8	7.0
230-250	.2	.6	.2									1.1	7.8	7.0
(W) 260-280														
290-310		.2										.2	5.0	5.0
320-340	.9			.4								1.3	8.0	4.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////////////////////////////	
TOTALS	35.4	39.6	9.5	1.2	.2							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 465

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: 00-02

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	4.6	6.1	2.5	1.0	.5							14.8	7.6	6.0
020-040	5.3	6.6	3.0	.3								15.3	6.5	5.0
050-070	4.1	2.3										6.5	4.2	4.0
(E) 080-100	1.2	.5										1.7	4.2	4.0
110-130	3.0	3.3	.5									6.8	5.7	6.0
140-160	2.0	9.0	3.2									14.1	7.1	7.0
(S) 170-190	.7	1.0	.5									2.2	6.6	6.0
200-220	.7	.2										.8	4.6	4.0
230-250	.2	.2										.3	4.5	4.5
(W) 260-280	.5		.2									.7	6.5	4.0
290-310	.5	.3	.5									1.3	6.3	5.0
320-340	5.5	3.5	1.3									10.3	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											25.4	////////////////////////////////	
TOTALS	28.3	33.0	11.7	1.3	.5							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 603														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	4.2	8.5	2.5	1.3								16.5	7.5	7.0
020-040	7.8	7.0	2.7	.5								18.0	6.2	5.0
050-070	3.7	1.3	.2									5.2	4.3	4.0
(E) 080-100	2.3	1.3										3.7	4.1	4.0
110-130	2.3	2.8										5.2	5.1	5.0
140-160	1.7	9.7	1.0									12.3	6.4	6.0
(S) 170-190	.2	2.0	.5									2.7	7.1	6.5
200-220	.2											.2	4.0	4.0
230-250	1.2	.5										1.7	4.2	4.0
(W) 260-280	.3											.3	3.5	3.5
290-310	1.2	.8	.2									2.2	5.7	4.0
320-340	6.3	3.7	.5		.2							10.7	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											21.5	////////////////////////////////	
TOTALS	31.4	37.6	7.6	1.8	.2							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 600														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV 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		3.9	7.8	3.3	.7								15.7	7.2	6.0
020-040		7.5	7.8	2.6	.7								18.6	6.3	5.0
050-070		4.1	1.6										5.7	4.1	4.0
(E) 080-100		1.8	1.5										3.3	4.3	4.0
110-130		1.5	1.8										3.3	5.3	6.0
140-160		1.8	9.0	.8									11.6	6.3	6.0
(S) 170-190		.8	3.3	.5									4.6	6.4	6.0
200-220		.3	.3										.7	5.3	5.0
230-250		.5	.7										1.1	5.0	5.0
(W) 260-280		.8	.2										1.0	3.7	3.0
290-310		1.1	.5										1.6	4.0	4.0
320-340		4.6	3.9	1.3	.2								10.0	5.9	5.0
VARIABLE															
CALM		////////////////////////////////////										22.9	////////////////////////////////		
TOTALS		28.7	38.4	8.5	1.6								100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 612															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.2	3.9	3.6	1.4	.5							10.6	10.2	10.0
020-040	2.2	6.0	5.5	1.2								14.8	8.6	8.0
050-070	3.6	4.3	.3									8.2	5.2	5.0
(E) 080-100	2.7	2.9										5.6	5.0	5.0
110-130	1.7	3.2	.2									5.1	5.3	5.0
140-160	2.7	10.4	3.9	.2								17.2	7.4	7.0
(S) 170-190	1.5	7.0	3.2									11.8	7.3	7.0
200-220	.9	2.4										3.2	5.2	5.0
230-250	1.2	2.2	.2	.2								3.7	5.8	5.0
(W) 260-280	.7	.5	.5									1.7	6.6	5.5
290-310	.7	1.4	.3									2.4	5.9	5.0
320-340	.9	2.6	1.4	.5	.2							5.5	8.7	7.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	20.0	46.8	19.1	3.5	.7							100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 587														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.9	4.2	1.9								9.7	10.4	10.0
020-040	1.0	5.0	2.8	.7								9.5	8.5	8.0
050-070	2.4	4.0	.2									6.6	5.5	5.0
(E) 080-100	2.6	3.1	.2									5.9	5.2	5.0
110-130	1.7	2.2	.3									4.3	5.6	5.0
140-160	1.6	12.1	4.5	.9								19.0	9.1	8.0
(S) 170-190	1.9	9.9	6.7	.7								19.2	8.4	8.0
200-220	1.7	4.8	1.0									7.6	6.6	7.0
230-250	.7	4.0	.5									5.2	6.7	6.5
(W) 260-280	.3	1.2	.3	.2								2.1	6.9	6.0
290-310	.5	1.2	.2	.2								2.1	6.7	6.0
320-340	.3	1.7	1.6	1.9								5.5	11.7	13.0
VARIABLE														
CALM	////////////////////											3.3	////////	
TOTALS	15.4	52.1	22.5	6.5								100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 578														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.5	4.3	2.5								11.4	10.6	10.0
020-040	1.0	6.0	3.0	.5								10.5	8.6	8.0
050-070	2.2	1.7	.3									4.2	5.4	4.0
(E) 080-100	2.5	2.8										5.4	4.6	5.0
110-130	3.5	5.0	.2									8.7	5.2	5.0
140-160	4.2	12.9	3.8	.3								21.2	7.1	7.0
(S) 170-190	2.2	10.4	3.2	.3								16.1	7.3	7.0
200-220	1.5	6.7	.5									8.7	6.3	6.0
230-250	1.0	.8	.2									2.0	5.5	5.0
(W) 260-280	.2	.3	.2									.7	6.3	5.5
290-310	.2	1.5	.7									2.3	7.8	7.0
320-340	.3	1.5	1.7	.5								4.0	9.9	10.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	19.8	53.1	18.1	4.1								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 598

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV 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		1.8	6.3	2.7	.5								11.3	7.8	6.5
020-040		4.0	6.8	2.8	.3								14.0	6.9	6.0
050-070		2.5	1.8	.2									4.5	4.7	4.0
(E) 080-100		4.0	1.7	.2									5.8	4.2	4.0
110-130		6.7	4.5	.3									11.5	4.6	4.0
140-160		8.7	6.8	.7									16.2	4.8	4.0
(S) 170-190		1.5	2.8										4.3	5.0	5.0
200-220		.7	.5										1.2	4.4	4.0
230-250		.3											.3	4.0	4.0
(W) 260-280		.2	.3										.5	5.0	5.0
290-310		.2	.7	.2									1.0	6.8	7.5
320-340		1.3	2.0	.7									4.0	6.6	5.5
VARIABLE															
CALM		////////////////////////////////////											25.3	////////	
TOTALS		31.9	34.2	7.8	.8								100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 600															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		5.1	7.0	2.8	1.0	.3							16.2	7.4	6.0
020-040		5.1	7.7	1.8	.5								15.0	6.4	6.0
050-070		3.4	1.6										5.1	4.2	4.0
(E) 080-100		1.3	1.6	.2									3.1	4.9	5.0
110-130		3.8	7.2	.7									11.6	5.8	5.0
140-160		2.4	5.7	1.3									9.5	6.7	7.0
(S) 170-190		.8	.3										1.1	4.0	4.0
200-220		.5	.3	.2									1.0	6.3	4.5
230-250		.7	.2	.2									1.0	4.7	3.5
(W) 260-280		.3											.3	4.0	4.0
290-310		.5			.2								.7	7.3	4.0
320-340		4.6	2.8	1.0	.2								8.5	5.5	4.0
VARIABLE															
CALM		////////////////////////////////////											27.1	////////////////////////////////	
TOTALS		28.5	34.4	8.2	1.9	.3							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	2.8	5.8	3.2	1.3	.2								13.3	8.3	7.0
020-040	4.3	6.6	3.0	.6								14.5	7.1	6.0	
050-070	3.3	2.3	.1								5.7	4.7	4.0		
(E) 080-100	2.3	1.9	.1								4.3	4.6	4.0		
110-130	3.0	3.8	.3								7.1	5.3	5.0		
140-160	3.1	9.4	2.4	.2								15.1	6.8	7.0	
(S) 170-190	1.2	4.5	1.8	.1								7.6	7.3	6.5	
200-220	.8	1.9	.2								2.9	6.1	6.0		
230-250	.7	1.0	.1	.0								1.9	5.7	5.0	
(W) 260-280	.4	.3	.1	.0								.9	5.9	5.0	
290-310	.6	.8	.3	.0								1.7	6.2	5.0	
320-340	3.0	2.7	1.2	.4	.0								7.3	6.7	5.0
VARIABLE															
CALM	////////////////////////////////////											17.7	//////////		
TOTALS	25.5	41.0	12.8	2.6	.2								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 4791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS: ALL

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.0	2.0	.2								4.6	8.5	9.0
020-040	3.1	4.4	2.0	.5								10.0	7.1	6.0
050-070	4.1	1.6										5.7	4.1	4.0
(E) 080-100	2.3	3.4	.3									6.1	5.0	5.0
110-130	4.6	5.6	.5									10.7	5.4	5.0
140-160	4.8	20.7	4.4									29.8	6.7	7.0
(S) 170-190	2.0	8.0	1.3									11.3	6.4	6.0
200-220	1.0	1.8										2.8	5.0	5.0
230-250	1.5	1.5	.2									3.1	4.8	5.0
(W) 260-280	.3	.5										.8	5.0	5.0
290-310	.3	.2	.2									.7	5.5	4.5
320-340	.7	.5	.3	.2	.2							1.8	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////	////
TOTALS	26.2	49.2	11.2	.9	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	7.4	3.3	.7								15.3	7.4	7.0
020-040	5.6	6.7	3.0	.9	.2							16.3	7.0	6.0
050-070	5.1	4.6	.2									9.8	4.8	4.0
(E) 080-100	1.6	1.2	.2									3.0	4.9	4.0
110-130	3.5	2.8	1.4									7.7	6.1	5.0
140-160	1.1	4.0	1.6	.4								7.0	7.9	7.5
(S) 170-190	.4	.5	.4									1.2	6.4	6.0
200-220	.4	.2										.5	4.0	4.0
230-250	.2	.4										.5	6.0	7.0
(W) 260-280	.5											.5	3.0	3.0
290-310	1.4	.7										2.1	4.1	4.0
320-340	7.2	4.4	2.1	.2	.4							14.2	6.1	4.0
VARIABLE														
CALM	////////////////////////////////////											21.6	////////	
TOTALS	30.9	32.9	12.2	2.2	.6							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 569

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	6.3	9.4	3.4	1.6	.2							20.9	7.3	6.0
020-040	5.6	7.8	3.1	.7	.2							17.3	6.9	6.0
050-070	4.9	5.8										10.6	4.7	5.0
(E) 080-100	1.6	.7										2.3	3.8	3.0
110-130	1.4	1.8	.2	.2								3.6	5.9	5.0
140-160	1.1	7.4	1.3	.2	.2							10.1	7.4	7.0
(S) 170-190		.4		.2								.5	8.7	6.0
200-220		.2										.2	5.0	5.0
230-250					.2							.2	20.0	20.0
(W) 260-280		.4										.4	5.0	5.0
290-310	1.8	.4										2.2	3.8	3.0
320-340	5.8	4.7	1.1									11.6	5.4	4.5
VARIABLE														
CALM	////////////////////////////////////											20.0	////////	
TOTALS	28.5	39.0	9.1	2.9	.8							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS .554

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	6.9	5.0	.9								19.8	7.3	6.0
020-040	6.7	7.7	3.1	.9								18.4	6.7	5.0
050-070	5.7	5.0										10.7	4.5	4.0
(E) 080-100	1.5	1.2										2.7	4.8	4.0
110-130	1.5	1.9										3.4	4.9	5.0
140-160	.7	5.5	.7	.3								7.2	7.2	6.5
(S) 170-190		.9	.2									1.0	7.5	7.5
200-220	.2		.2									.3	9.0	9.0
230-250	.9	.2			.2							1.2	6.1	3.0
(W) 260-280	.7	.2										.9	4.4	4.0
290-310	1.7	.7										2.4	4.3	4.0
320-340	6.5	4.1	.5									11.2	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											20.8	////////////////////////////////	
TOTALS	33.1	34.3	9.7	2.1	.2							100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 582														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	2.0	5.4	6.2	1.8	.3							15.8	10.0	10.0
020-040	3.8	7.7	3.9	1.3								16.7	7.8	7.0
050-070	5.1	5.7	.8									11.7	5.5	5.0
(E) 080-100	2.8	3.3	.3									6.4	5.0	5.0
110-130	2.0	1.6	.2									3.8	5.2	4.0
140-160	2.0	4.9	1.8						.2			8.9	7.7	7.0
(S) 170-190	.8	3.4	1.0									5.3	7.2	7.0
200-220	1.1	1.8	.3									3.3	6.0	5.5
230-250	1.0	2.8	.7									4.4	6.4	6.0
(W) 260-280	1.8	1.0	.3									3.1	5.1	4.0
290-310	1.6	.8	.2									2.6	4.8	4.0
320-340	1.3	2.6	2.0	.3								6.2	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											11.8	////////////////////////////////	
TOTALS	25.3	41.0	17.7	3.4	.3				.2			100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: 12-14

		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N)	350-010	.6	4.7	6.5	2.9								14.8	10.9	11.0	
	020-040	1.0	5.2	3.7	.6								10.6	8.8	8.0	
	050-070	2.8	5.8	.5									9.1	5.6	5.0	
(E)	080-100	2.8	3.1	.2									6.0	5.2	5.0	
	110-130	3.1	3.2	.3									6.7	5.1	5.0	
	140-160	1.8	7.6	1.3	.8								11.5	7.4	7.0	
(S)	170-190	1.1	5.8	3.1	.3								10.4	7.9	8.0	
	200-220	1.5	5.7	1.5									8.6	7.1	7.0	
	230-250	1.1	3.1	1.5									5.7	7.3	7.0	
(W)	260-280	1.0	1.8	.5	.2								3.4	6.6	6.0	
	290-310	1.3	2.3	.6	.2								4.4	7.1	6.0	
	320-340	.3	2.1	1.5	.3								4.2	9.0	8.5	
VARIABLE																
CALM		////////////////////////////////////												4.7	////////////////////////////////	
TOTALS		18.4	50.4	21.2	5.3								100.0	7.3	7.0	
TOTAL NUMBER OF OBSERVATIONS 616																

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	1.4	3.7	5.8	1.1								12.0	10.0	10.0	
020-040	2.1	3.7	3.7	1.1								10.6	8.9	8.5	
050-070	4.3	4.3	.2									8.8	5.2	5.0	
(E) 080-100	3.7	2.9	.5									7.0	5.1	4.0	
110-130	2.1	5.1	.5									7.7	5.5	5.0	
140-160	2.7	8.8	1.4	.5								13.4	7.0	7.0	
(S) 170-190	1.9	9.1	1.8									12.8	6.8	6.0	
200-220	1.6	4.5	1.0									7.0	6.5	6.0	
230-250	1.4	3.7	.2									5.3	6.0	6.0	
(W) 260-280	.2	.3										.5	5.7	5.0	
290-310	.3	1.0	1.0	.2								2.4	9.1	9.0	
320-340	1.0	2.2	1.9	.8								5.9	9.4	9.0	
VARIABLE															
CALM	////////////////////////////////////											6.6	////////////////////////////////		
TOTALS	22.7	49.3	18.0	3.7								100.0	6.8	6.0	
TOTAL NUMBER OF OBSERVATIONS 625															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	1.6	4.6	3.9	1.8	.2							12.0	9.5	9.0
020-040	4.0	7.4	2.5	.7								14.6	7.0	6.0
050-070	4.7	3.3	.2									8.3	4.8	4.0
(E) 080-100	5.1	2.1										7.2	4.1	4.0
110-130	4.4	2.1	.4	.2								7.0	5.0	4.0
140-160	5.8	4.9	.7									11.4	4.9	4.0
(S) 170-190	3.2	3.3										6.5	4.8	5.0
200-220	1.1	1.4										2.5	4.5	5.0
230-250	1.2	.9										2.1	4.2	4.0
(W) 260-280	.5	.2										.7	3.8	3.5
290-310	1.1											1.1	3.8	4.0
320-340	1.8	1.4	.7	.7								4.6	8.1	6.5
VARIABLE														
CALM	////////////////////////////////////											22.1	//////////	
TOTALS	34.5	31.6	8.4	3.4	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 569

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.8	4.0	.7								15.6	7.6	6.0
020-040	4.9	7.3	2.3	.5								15.0	6.7	6.0
050-070	6.3	3.7	.7									10.7	5.1	4.0
(E) 080-100	2.4	2.8										5.2	4.8	5.0
110-130	3.5	4.0	1.2									8.7	5.9	5.0
140-160	1.9	2.8	1.0	.2								5.9	6.8	5.5
(S) 170-190	.9	.7										1.6	4.6	4.0
200-220	.7	.3										1.0	4.3	4.0
230-250	.9	.2										1.0	3.8	4.0
(W) 260-280	.3		.2									.5	5.7	4.0
290-310	1.0	.2										1.2	3.6	3.0
320-340	6.1	4.0	.9	.2	.2	.2						11.5	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////	
TOTALS	32.9	32.8	10.3	1.6	.2	.2						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 572

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	6.0	4.8	1.4	.1							15.7	8.6	8.0
020-040	4.2	6.6	3.2	.9	.0							14.9	7.4	6.0
050-070	4.8	4.8	.3									9.9	5.0	5.0
(E) 080-100	2.7	2.2	.1									5.0	4.8	4.0
110-130	2.7	2.9	.5	.0								6.1	5.5	5.0
140-160	2.1	5.8	1.2	.3	.0				.0			9.5	7.0	6.0
(S) 170-190	1.0	3.1	.8	.1								5.1	6.8	6.0
200-220	.8	1.8	.4									3.0	6.3	6.0
230-250	.9	1.4	.3		.0							2.6	6.3	6.0
(W) 260-280	.6	.5	.1	.0								1.3	5.4	4.5
290-310	1.3	.8	.2	.0								2.3	5.6	4.0
320-340	3.7	3.2	1.3	.3	.1	.0						8.6	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////	
TOTALS	28.1	39.1	13.2	3.0	.2							100.0	5.7	6.0

TOTAL NUMBER OF OPSERVATIONS 4696

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	5.1	5.7	.3								12.4	8.9	9.0
020-040	2.5	7.2	5.1	.6	.1							15.5	8.3	8.0
050-070	5.9	7.2	.1									13.3	4.9	5.0
(E) 080-100	4.3	3.5	.3									8.0	4.8	4.0
110-130	4.8	4.6	1.1	.1								10.7	5.7	5.0
140-160	2.4	14.4	3.0	.6	.1							20.5	7.5	7.0
(S) 170-190	.6	1.4	.7	.1								2.8	7.8	8.0
200-220		.1	.3									.4	11.0	14.0
230-250	.1	.4	.1		.3							1.0	10.4	8.0
(W) 260-280	.3		.1									.4	6.3	3.0
290-310	.4	.7										1.1	5.1	5.5
320-340	.8	1.4	1.2									3.5	7.8	8.0
VARIABLE														
CALM	////////////////////											10.5	////////	
TOTALS	23.5	46.0	17.7	1.7	.5							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: ALL 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	3.5	2.3	.9	.1	.0						8.7	8.5	8.0
020-040	3.3	5.3	2.3	.5	.0	.0						11.5	7.2	6.0
050-070	3.5	3.3	.3	.0	.0							7.2	5.1	5.0
(E) 080-100	3.3	2.7	.2	.0								6.2	4.9	4.0
110-130	4.7	7.9	1.1	.1	.0							13.8	5.9	5.0
140-160	3.3	13.2	4.3	.3	.0				.0			21.2	7.4	7.0
(S) 170-190	1.1	4.0	1.7	.2	.0			.0				7.0	7.7	7.0
200-220	.5	1.2	.2	.0	.0				.0			2.0	6.4	6.0
230-250	.5	.9	.2	.0	.0							1.6	6.3	6.0
(W) 260-280	.3	.4	.1	.0	.0							.8	6.3	5.0
290-310	.6	.5	.2	.1	.0	.0		.0				1.4	7.0	5.0
320-340	1.7	1.8	.8	.3	.1	.0						4.6	7.1	5.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////////////////////////////	
TOTALS	24.7	44.7	13.7	2.4	.2							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS: 60466

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	1.1	2.3	2.2	.4	.1							6.0	8.9	9.0
020-040	2.6	5.3	2.8	.4	.0							11.1	7.5	7.0
050-070	5.0	5.3	.5	.0								10.8	5.2	5.0
(E) 080-100	4.5	3.8	.2									8.6	4.8	4.0
110-130	6.3	9.4	1.3	.1	.0							17.2	5.8	5.0
140-160	4.1	17.5	3.6	.1	.0							25.4	6.9	7.0
(S) 170-190	1.0	3.0	.8	.0								4.8	6.8	6.0
200-220	.4	.5	.1	.0								1.0	6.2	5.0
230-250	.4	.4	.1		.0							.8	6.0	5.0
(W) 260-280	.1	.3	.0	.0	.0							.5	6.4	5.0
290-310	.2	.2	.0	.0								.5	5.9	5.0
320-340	.5	.6	.4	.1	.0	.0						1.6	8.1	7.0
VARIABLE														
CALM	////////////////////											11.7	////////	
TOTALS	26.2	48.6	12.0	1.1	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS: 6836

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

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

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

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

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

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

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

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

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

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

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

0/8.....CLEAR

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

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

8/8.....OVERCAST

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.3	48.3	48.3
GE 20000	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9
GE 18000	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9
GE 16000	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9
GE 14000	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1
GE 12000	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7
GE 10000	55.3	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.1	56.1	56.1	56.1
GE 9000	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8
GE 8000	56.4	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2
GE 7000	56.9	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7
GE 6000	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6	59.6	59.6	59.6
GE 5000	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.2	62.2	62.2	62.2
GE 4500	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0	63.0	63.0	63.0
GE 4000	64.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0
GE 3500	65.0	65.0	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1
GE 3000	67.2	67.2	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5	68.5	68.5	68.5
GE 2500	70.6	70.6	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2
GE 2000	73.4	73.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.4	75.4	75.4	75.4
GE 1800	74.2	74.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.2	76.2	76.2	76.2
GE 1500	77.1	77.1	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2	79.2
GE 1200	80.1	80.1	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.4	82.4	82.4	82.4
GE 1000	83.6	83.6	85.5	86.0	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1
GE 900	84.4	84.4	86.5	87.1	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.6
GE 800	84.7	84.9	87.4	88.2	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.1	90.1
GE 700	85.4	85.5	88.7	89.7	91.1	91.1	91.6	91.6	91.6	91.7	91.7	91.7	92.1	92.1	92.1	92.1
GE 600	85.7	86.0	89.3	90.5	91.9	91.9	93.0	93.0	93.0	93.3	93.3	93.3	93.6	93.6	93.6	93.6
GE 500	85.9	86.2	89.5	90.6	92.4	92.4	94.1	94.3	94.3	94.8	94.8	94.8	95.2	95.2	95.2	95.2
GE 400	86.0	86.3	90.0	91.3	93.0	93.0	94.8	94.9	94.9	95.7	95.7	95.7	96.2	96.2	96.2	96.2
GE 300	86.0	86.3	90.0	91.3	93.0	93.0	94.8	94.9	94.9	95.7	96.0	96.0	97.0	97.0	97.0	97.0
GE 200	86.0	86.3	90.5	91.7	93.5	93.5	95.2	95.4	95.4	96.5	96.8	96.8	98.7	98.7	99.2	99.2
GE 100	86.0	86.3	90.5	91.7	93.5	93.5	95.2	95.4	95.4	96.5	96.8	96.8	98.7	98.7	99.2	100.0
GE 000	86.0	86.3	90.5	91.7	93.5	93.5	95.2	95.4	95.4	96.5	96.8	96.8	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	41.2	41.2	41.8	42.1	42.6	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6
GE 20000	45.5	45.5	46.1	46.5	46.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9
GE 18000	45.5	45.5	46.1	46.5	46.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9
GE 16000	45.5	45.5	46.1	46.5	46.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9
GE 14000	45.5	45.5	46.1	46.5	46.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9
GE 12000	46.5	46.5	47.1	47.4	47.9	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.9
GE 10000	47.3	47.3	48.4	48.7	49.2	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.2
GE 9000	47.7	47.7	48.9	49.2	49.7	49.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
GE 8000	48.1	48.1	49.2	49.5	50.0	50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0
GE 7000	48.4	48.4	49.5	49.8	50.3	50.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3
GE 6000	50.6	50.6	51.8	52.1	52.6	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
GE 5000	53.7	53.7	54.8	55.1	55.6	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
GE 4500	54.3	54.3	55.5	55.8	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 4000	55.9	55.9	57.1	57.4	57.9	57.9	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
GE 3500	57.6	57.6	58.7	59.0	59.5	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5
GE 3000	60.1	60.1	61.3	61.6	62.1	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
GE 2500	62.1	62.1	63.3	63.7	64.1	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 2000	65.0	65.0	66.4	66.7	67.2	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2
GE 1800	66.4	66.4	67.8	68.2	68.6	68.6	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 1500	69.9	70.1	71.9	72.2	72.7	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
GE 1200	72.8	73.0	74.8	75.1	75.6	75.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
GE 1000	76.2	76.5	78.8	79.3	80.2	80.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
GE 900	77.2	77.5	80.4	80.9	81.8	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
GE 800	78.8	79.1	82.2	82.6	84.1	84.1	85.4	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 700	79.9	80.4	84.2	85.4	87.6	87.6	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.9
GE 600	80.7	81.2	85.4	86.5	88.9	88.9	90.5	91.0	91.0	91.6	91.6	91.6	91.8	91.8	91.8	92.0
GE 500	80.9	81.4	85.9	87.0	89.5	89.5	91.8	92.3	92.3	93.2	93.2	93.2	93.6	93.6	93.6	93.7
GE 400	81.0	81.5	86.0	87.1	89.9	89.9	92.4	92.9	92.9	94.1	94.1	94.1	94.5	94.5	94.5	94.7
GE 300	81.5	82.0	86.5	87.6	90.4	90.4	92.9	93.4	93.4	95.2	95.3	95.3	96.1	96.1	96.3	96.5
GE 200	81.5	82.0	86.5	87.6	90.4	90.4	93.1	93.6	93.6	95.8	96.1	96.1	97.1	97.1	97.7	97.9
GE 100	81.5	82.0	86.5	87.6	90.4	90.4	93.2	93.7	93.7	96.1	96.5	96.5	97.6	97.6	98.6	99.5
GE 000	81.5	82.0	86.5	87.6	90.4	90.4	93.2	93.7	93.7	96.1	96.5	96.5	97.6	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	40.5	40.5	40.7	41.0	41.1	41.1	41.3	41.3	41.3	41.3	41.5	41.5	41.6	41.6	41.6	41.8
GE 20000	44.5	44.5	44.8	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	46.0
GE 18000	44.5	44.5	44.8	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	46.0
GE 16000	44.5	44.5	44.8	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	46.0
GE 14000	44.5	44.5	44.8	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	46.0
GE 12000	46.0	46.0	46.3	46.6	46.7	46.7	46.9	46.9	46.9	46.9	47.0	47.0	47.2	47.2	47.2	47.5
GE 10000	47.5	47.5	48.3	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.2	49.2	49.3	49.3	49.3	49.6
GE 9000	48.1	48.1	48.9	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.8	49.8	49.9	49.9	49.9	50.2
GE 8000	48.3	48.3	49.0	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.4
GE 7000	48.6	48.6	49.3	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.2	50.2	50.4	50.4	50.4	50.7
GE 6000	50.5	50.5	51.3	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.6
GE 5000	53.3	53.3	54.3	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.2	55.2	55.4	55.4	55.4	55.7
GE 4500	54.0	54.0	55.1	55.5	55.7	55.7	55.8	55.8	55.8	55.8	56.0	56.0	56.1	56.1	56.1	56.4
GE 4000	55.7	55.8	56.9	57.5	57.6	57.6	57.8	57.9	57.9	58.1	58.2	58.2	58.4	58.4	58.4	58.7
GE 3500	57.6	57.9	59.3	59.9	60.1	60.1	60.2	60.4	60.4	60.5	60.7	60.7	60.8	60.8	60.8	61.1
GE 3000	60.2	60.5	61.9	62.5	62.6	62.6	62.8	62.9	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.7
GE 2500	62.0	62.6	64.0	64.6	64.8	64.8	64.9	65.1	65.1	65.2	65.4	65.4	65.5	65.5	65.5	65.8
GE 2000	65.5	66.1	67.8	68.5	68.8	68.8	69.0	69.1	69.1	69.3	69.4	69.4	69.6	69.6	69.6	69.9
GE 1800	66.1	66.9	68.7	69.4	69.7	69.7	69.9	70.0	70.0	70.2	70.3	70.3	70.5	70.5	70.5	70.8
GE 1500	68.2	69.1	71.1	72.2	72.8	72.8	72.9	73.2	73.2	73.4	73.5	73.5	73.7	73.7	73.7	74.0
GE 1200	71.1	72.0	74.4	75.5	76.6	76.6	77.0	77.3	77.3	77.6	77.8	77.8	77.9	77.9	77.9	78.2
GE 1000	74.6	76.1	79.3	80.6	83.1	83.1	84.1	84.4	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.3
GE 900	75.3	76.9	80.5	81.8	84.3	84.3	85.3	85.6	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.5
GE 800	76.2	77.8	81.5	82.9	85.5	85.5	87.0	87.3	87.3	87.9	88.0	88.0	88.2	88.2	88.2	88.5
GE 700	77.0	78.5	82.6	84.3	87.3	87.3	88.8	89.1	89.1	89.9	90.0	90.0	90.2	90.2	90.3	90.6
GE 600	77.0	78.5	82.9	84.7	88.4	88.4	89.9	90.2	90.2	91.1	91.2	91.2	91.4	91.4	91.5	91.8
GE 500	77.0	78.5	82.9	84.7	88.5	88.7	90.8	91.1	91.1	92.1	92.3	92.3	92.4	92.4	92.6	92.9
GE 400	77.0	78.5	82.9	84.9	88.8	89.0	91.1	91.4	91.4	92.7	92.9	92.9	93.0	93.0	93.2	93.5
GE 300	77.2	78.7	83.1	85.0	89.1	89.3	91.4	91.7	91.7	93.6	93.8	93.8	94.1	94.1	94.7	95.0
GE 200	77.2	78.7	83.1	85.0	89.1	89.3	91.4	91.7	91.7	93.8	93.9	93.9	94.7	94.9	96.1	97.6
GE 100	77.2	78.7	83.1	85.0	89.1	89.3	91.4	91.7	91.7	93.8	93.9	93.9	95.0	95.2	96.5	99.4
GE 000	77.2	78.7	83.1	85.0	89.1	89.3	91.4	91.7	91.7	93.8	93.9	93.9	95.0	95.2	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	42.9	42.9	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0
GE 20000	47.8	47.8	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1
GE 18000	47.8	47.8	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1
GE 16000	47.8	47.8	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1
GE 14000	48.1	48.1	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4
GE 12000	48.8	48.8	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1
GE 10000	50.8	50.8	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1
GE 9000	51.4	51.4	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7
GE 8000	51.8	51.8	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1
GE 7000	52.1	52.1	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 6000	52.5	52.5	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 5000	55.2	55.2	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7
GE 4500	57.1	57.1	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7
GE 4000	59.0	59.0	60.5	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
GE 3500	61.3	61.3	62.8	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
GE 3000	63.4	63.4	65.0	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
GE 2500	65.3	65.3	66.9	67.4	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 2000	70.0	70.3	72.2	72.7	73.3	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
GE 1800	71.2	71.4	73.3	73.9	74.5	74.5	74.6	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 1500	74.2	74.7	77.0	77.9	78.6	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 1200	77.8	78.6	81.1	82.1	82.8	82.8	83.1	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 1000	80.2	81.5	85.5	86.8	87.7	87.7	88.8	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
GE 900	80.2	81.6	85.9	87.2	88.1	88.1	89.4	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	80.9	82.5	87.1	88.5	89.5	89.5	91.4	91.8	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 700	81.3	83.1	87.7	89.1	90.2	90.2	92.1	93.0	93.1	93.4	93.5	93.5	93.7	93.7	93.7	93.7
GE 600	81.3	83.1	87.8	89.2	90.8	90.8	92.7	93.8	94.0	94.4	94.7	94.7	94.8	94.8	94.8	94.8
GE 500	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.7	96.0	96.0	96.6	96.6	96.6	96.6
GE 400	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.7	96.7	96.7	97.6	97.6	97.7	97.7
GE 300	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.8	97.0	97.0	98.1	98.1	98.3	98.3
GE 200	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.8	97.0	97.0	98.4	98.4	98.7	99.3
GE 100	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.8	97.0	97.0	98.4	98.4	98.7	100.0
GE 000	81.3	83.1	87.8	89.2	91.0	91.0	93.4	95.0	95.1	95.8	97.0	97.0	98.4	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 697

D - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 8000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 7000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	61.3	61.3	61.6	61.6	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 4500	62.9	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	65.7	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3500	68.2	68.6	68.9	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
GE 3000	71.0	71.6	71.9	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
GE 2500	74.7	75.2	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 2000	80.6	81.3	81.6	81.6	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 1800	81.9	82.6	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
GE 1500	84.8	85.7	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	88.6	89.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	89.9	91.6	93.5	93.7	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 900	90.2	92.0	94.1	94.4	94.8	94.8	94.9	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	90.4	92.4	94.8	95.5	96.2	96.2	96.6	96.8	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	90.4	92.4	94.8	95.5	96.3	96.3	96.9	97.0	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	90.4	92.4	94.8	95.5	96.3	96.3	97.3	97.6	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.4	99.4	99.7	99.7	99.7	99.7
GE 300	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.4	99.4	99.7	99.7	99.9	99.9
GE 200	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.4	99.4	99.7	99.7	99.9	100.0
GE 100	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.4	99.4	99.7	99.7	99.9	100.0
GE 000	90.4	92.4	94.8	95.5	96.3	96.3	97.5	97.9	97.9	98.7	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	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 6000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	66.3	66.3	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	66.8
GE 4500	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4000	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	74.4	74.4	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 3000	76.1	76.1	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 2500	79.9	79.9	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 2000	86.0	86.0	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 1800	87.6	87.6	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 1500	89.0	89.3	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 1200	90.5	90.8	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	91.8
GE 1000	91.4	91.9	93.5	94.2	94.5	94.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	91.4	92.1	93.6	94.3	94.6	94.6	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	91.4	92.1	93.8	94.5	95.2	95.2	95.3	95.5	95.5	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	91.4	92.1	93.8	94.5	95.3	95.3	95.8	95.9	95.9	96.6	96.7	96.7	97.2	97.2	97.2	97.2
GE 600	91.4	92.1	93.8	94.5	95.3	95.3	96.2	96.3	96.3	97.2	97.3	97.3	97.7	97.7	97.7	97.7
GE 500	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	97.9	97.9	98.3	98.3	98.3	98.3
GE 400	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	98.4	98.4	99.4	99.4	99.4	99.4
GE 300	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	98.4	98.4	99.4	99.4	99.7	99.7
GE 200	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	98.4	98.4	99.7	99.7	100.0	100.0
GE 100	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	98.4	98.4	99.7	99.7	100.0	100.0
GE 000	91.4	92.1	93.8	94.6	95.5	95.5	96.5	96.9	96.9	97.7	98.4	98.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 707

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.7
GE 20000	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 18000	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 16000	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 14000	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3
GE 12000	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2
GE 10000	61.8	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 9000	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
GE 8000	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 7000	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0
GE 6000	66.1	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
GE 5000	67.9	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 4500	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	69.6	69.6
GE 4000	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 3500	74.3	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
GE 3000	76.8	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8
GE 2500	79.5	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6
GE 2000	84.6	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8
GE 1800	85.8	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
GE 1500	88.1	88.8	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
GE 1200	89.4	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 1000	90.4	91.3	92.0	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0
GE 900	90.4	91.4	92.4	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6
GE 800	90.5	91.6	92.8	93.3	94.2	94.3	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	95.0	95.0
GE 700	90.5	91.6	92.8	93.3	94.3	94.5	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.3	95.3
GE 600	90.5	91.6	92.8	93.4	94.5	94.6	95.0	95.0	95.0	95.4	95.4	95.4	95.6	95.6	95.7	95.7
GE 500	90.5	91.6	92.8	93.4	94.5	94.6	95.1	95.1	95.1	95.6	95.6	95.6	95.7	95.7	95.9	95.9
GE 400	90.5	91.6	93.0	93.6	94.6	94.8	95.4	95.4	95.4	96.2	96.5	96.5	97.1	97.1	97.2	97.2
GE 300	90.5	91.6	93.0	93.6	94.6	94.8	95.4	95.7	95.7	96.8	97.1	97.1	98.0	98.0	98.3	98.3
GE 200	90.5	91.6	93.0	93.6	94.6	94.8	95.4	95.7	95.7	96.8	97.1	97.1	98.5	98.5	99.4	99.4
GE 100	90.5	91.6	93.0	93.6	94.6	94.8	95.4	95.7	95.7	96.8	97.1	97.1	98.5	98.5	99.7	100.0
GE 000	90.5	91.6	93.0	93.6	94.6	94.8	95.4	95.7	95.7	96.8	97.1	97.1	98.5	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	52.1	52.1	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	55.9	55.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	55.9	55.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	55.9	55.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	56.5	56.5	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	56.8	56.8	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	59.4	59.4	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	59.4	59.4	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	60.0	60.0	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	60.2	60.2	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	62.2	62.2	62.7	62.7	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 5000	64.9	64.9	65.4	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
GE 4500	65.2	65.2	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	67.6	67.8	68.4	68.4	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 3500	68.9	69.2	69.8	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
GE 3000	71.7	72.1	72.7	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 2500	73.8	74.1	74.9	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 2000	77.9	78.3	79.0	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 1800	79.8	80.2	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	83.3	83.7	84.4	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
GE 1200	87.0	87.6	88.4	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
GE 1000	88.1	88.7	90.6	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
GE 900	88.6	89.5	91.9	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
GE 800	89.0	90.0	92.9	93.3	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	89.2	90.2	93.3	94.0	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	89.4	90.3	93.8	94.4	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	89.5	90.5	94.3	95.2	96.0	96.0	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	89.5	90.5	94.3	95.2	96.2	96.2	97.1	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	89.5	90.5	94.3	95.4	96.3	96.3	97.3	97.3	97.3	97.6	97.8	97.9	98.3	98.3	98.3	98.3
GE 200	89.5	90.5	94.3	95.4	96.3	96.3	97.3	97.3	97.3	97.6	97.8	97.9	98.4	98.4	99.2	99.2
GE 100	89.5	90.5	94.3	95.4	96.3	96.3	97.3	97.3	97.3	97.6	97.8	97.9	98.7	98.7	99.8	100.0
GE 000	89.5	90.5	94.3	95.4	96.3	96.3	97.3	97.3	97.3	97.6	97.8	97.9	98.7	98.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	46.5	46.5	46.8	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.3
GE 20000	51.4	51.4	51.7	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.2
GE 18000	51.4	51.4	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2
GE 16000	51.4	51.4	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2
GE 14000	51.6	51.6	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.5
GE 12000	52.9	52.9	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7
GE 10000	54.8	54.8	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.8
GE 9000	55.1	55.1	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1
GE 8000	56.0	56.0	56.5	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 7000	56.4	56.4	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4
GE 6000	58.0	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0
GE 5000	60.5	60.5	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7
GE 4500	61.6	61.6	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8
GE 4000	64.1	64.3	65.0	65.2	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7
GE 3500	66.0	66.2	67.0	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
GE 3000	68.4	68.6	69.4	69.6	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2
GE 2500	71.1	71.4	72.2	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
GE 2000	75.5	75.9	76.9	77.1	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 1800	76.8	77.1	78.2	78.4	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 1500	79.5	80.0	81.2	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3
GE 1200	82.3	82.9	84.4	84.8	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.7
GE 1000	84.4	85.3	87.5	88.2	88.9	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8
GE 900	84.8	85.8	88.3	89.0	89.8	89.8	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.8
GE 800	85.4	86.4	89.2	90.0	91.1	91.1	91.8	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.6
GE 700	85.7	86.8	89.8	90.8	92.2	92.2	93.0	93.3	93.3	93.7	93.8	93.8	93.9	93.9	93.9	94.0
GE 600	85.9	87.0	90.2	91.2	92.7	92.8	93.8	94.1	94.1	94.7	94.8	94.8	95.0	95.0	95.0	95.1
GE 500	85.9	87.0	90.3	91.4	93.0	93.1	94.5	95.0	95.0	95.7	95.8	95.8	96.1	96.1	96.1	96.2
GE 400	86.0	87.1	90.4	91.5	93.2	93.2	94.8	95.2	95.3	96.1	96.5	96.5	97.0	97.0	97.0	97.1
GE 300	86.0	87.2	90.5	91.6	93.3	93.4	94.9	95.4	95.4	96.4	96.9	96.9	97.6	97.6	97.9	97.9
GE 200	86.0	87.2	90.5	91.6	93.4	93.4	95.0	95.5	95.5	96.6	97.1	97.1	98.2	98.2	98.8	99.1
GE 100	86.0	87.2	90.5	91.6	93.4	93.4	95.0	95.5	95.5	96.7	97.2	97.2	98.3	98.3	99.1	99.9
GE 000	86.0	87.2	90.5	91.6	93.4	93.4	95.0	95.5	95.5	96.7	97.2	97.2	98.3	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5111

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	49.2	49.2	49.2	49.2	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1
GE 20000	52.5	52.5	52.5	52.5	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 18000	52.5	52.5	52.5	52.5	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 16000	52.5	52.5	52.5	52.5	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 14000	52.5	52.5	52.5	52.5	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 12000	53.5	53.5	53.5	53.5	53.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4
GE 10000	55.4	55.4	55.4	55.4	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3
GE 9000	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5
GE 8000	58.4	58.4	58.4	58.4	58.7	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 7000	58.9	58.9	58.9	58.9	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8
GE 6000	59.8	59.8	59.8	59.8	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6
GE 5000	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 4500	63.0	63.0	63.0	63.0	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9
GE 4000	63.4	63.4	63.4	63.4	63.7	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 3500	64.9	64.9	64.9	64.9	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8
GE 3000	66.1	66.1	66.3	66.3	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
GE 2500	68.9	68.9	69.1	69.1	69.4	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 2000	72.5	72.5	72.7	72.7	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
GE 1800	73.2	73.2	73.4	73.4	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3
GE 1500	75.8	75.8	76.2	76.2	76.5	76.5	76.5	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 1200	79.1	79.1	79.8	79.8	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 1000	82.2	82.2	83.1	83.2	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
GE 900	83.9	84.1	85.7	85.8	86.4	86.4	86.5	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 800	87.0	87.2	89.3	89.5	90.2	90.2	90.3	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 700	88.1	88.3	90.7	91.0	92.1	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 600	88.4	88.6	91.7	92.7	94.1	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 500	88.4	88.6	92.2	93.3	94.6	94.6	95.0	95.3	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7
GE 400	88.4	88.6	92.2	93.4	95.0	95.0	95.3	95.9	95.9	96.2	96.2	96.2	96.9	96.9	96.9	96.9
GE 300	88.4	88.6	92.2	93.4	95.0	95.0	95.3	95.9	95.9	96.4	96.7	96.7	97.8	97.8	97.8	97.8
GE 200	88.4	88.6	92.2	93.4	95.0	95.0	95.3	95.9	95.9	96.4	96.7	96.7	98.3	98.3	98.8	99.1
GE 100	88.4	88.6	92.2	93.4	95.0	95.0	95.3	95.9	95.9	96.4	96.7	96.7	98.3	98.3	98.8	99.7
GE 000	88.4	88.6	92.2	93.4	95.0	95.0	95.3	95.9	95.9	96.4	96.7	96.7	98.3	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 579

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	44.0	44.0	44.2	44.2	44.7	44.7	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 20000	46.8	46.8	47.0	47.0	47.5	47.5	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 18000	46.8	46.8	47.0	47.0	47.5	47.5	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 16000	46.8	46.8	47.0	47.0	47.5	47.5	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	46.8	46.8	47.0	47.0	47.5	47.5	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 12000	47.7	47.7	48.1	48.1	48.6	48.6	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	50.2	50.2	50.7	50.7	51.4	51.4	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
GE 9000	50.2	50.2	50.7	50.7	51.4	51.4	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
GE 8000	51.2	51.2	51.8	51.8	52.5	52.5	52.6	52.6	52.6	52.8	52.8	52.8	53.0	53.0	53.0	53.0
GE 7000	51.8	51.8	52.3	52.3	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.5	53.5
GE 6000	52.5	52.5	53.0	53.0	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.2	54.2	54.2	54.2
GE 5000	54.2	54.4	54.9	54.9	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1
GE 4500	54.7	54.9	55.4	55.4	56.1	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.7	56.7	56.7	56.7
GE 4000	55.3	55.4	56.0	56.0	56.7	56.7	56.8	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.2	57.2
GE 3500	56.1	56.3	56.8	56.8	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1
GE 3000	57.9	58.2	58.8	58.8	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	60.0	60.0	60.0	60.0
GE 2500	59.6	60.0	60.5	60.5	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.8	61.8	61.8	61.8
GE 2000	61.9	62.3	63.0	63.0	63.7	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 1800	62.8	63.3	64.2	64.2	64.9	64.9	65.1	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 1500	66.5	67.0	68.6	68.6	69.5	69.5	69.6	69.6	69.6	69.8	69.8	69.8	70.0	70.0	70.0	70.0
GE 1200	72.5	73.0	74.9	75.1	76.0	76.0	76.1	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5
GE 1000	75.3	76.1	78.9	79.3	80.4	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9
GE 900	77.5	78.6	81.6	82.1	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7
GE 800	79.1	80.2	83.5	84.0	85.1	85.1	85.4	85.4	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8
GE 700	81.9	83.2	87.4	87.9	88.9	88.9	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 600	82.8	84.0	88.9	90.4	91.8	91.8	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 500	83.0	84.2	89.5	91.2	93.2	93.2	94.2	94.2	94.2	94.7	94.7	94.7	94.9	94.9	94.9	94.9
GE 400	83.2	84.4	89.6	91.9	93.9	93.9	95.1	95.1	95.1	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE 300	83.2	84.4	89.6	91.9	94.0	94.0	95.3	95.4	95.4	96.7	96.7	96.7	97.2	97.2	97.2	97.2
GE 200	83.2	84.4	89.6	91.9	94.0	94.0	95.3	95.6	95.6	97.0	97.0	97.0	97.7	97.7	98.2	98.4
GE 100	83.2	84.4	89.6	91.9	94.0	94.0	95.3	95.6	95.6	97.0	97.0	97.0	97.9	97.9	98.6	100.0
GE 000	83.2	84.4	89.6	91.9	94.0	94.0	95.3	95.6	95.6	97.0	97.0	97.0	97.9	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	38.8	38.8	38.8	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1
GE 20000	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.2	44.2
GE 18000	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.2	44.2
GE 16000	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.2	44.2
GE 14000	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.2	44.2
GE 12000	43.8	43.8	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.5	44.5	44.5	44.5
GE 10000	45.7	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.4	46.4	46.4	46.4
GE 9000	45.7	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.4	46.4	46.4	46.4
GE 8000	46.4	46.4	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.0	47.0	47.0
GE 7000	46.4	46.4	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.0	47.0	47.0
GE 6000	47.2	47.2	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9
GE 5000	48.9	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.6	49.6	49.6	49.6
GE 4500	50.1	50.1	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.8	50.8	50.8	50.8
GE 4000	52.3	52.3	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1
GE 3500	53.6	53.8	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8
GE 3000	55.5	56.2	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3
GE 2500	58.9	59.5	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	60.9
GE 2000	62.9	63.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1
GE 1800	63.7	64.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9
GE 1500	66.9	67.8	69.5	69.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.2	70.2	70.2	70.2
GE 1200	69.3	70.2	72.5	72.5	72.7	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.4	73.4	73.4	73.4
GE 1000	72.7	73.7	76.9	76.9	77.6	77.6	77.7	78.1	78.1	78.2	78.2	78.2	78.6	78.6	78.6	78.6
GE 900	73.9	74.9	79.1	79.1	79.9	79.9	80.3	80.6	80.6	80.9	80.9	80.9	81.3	81.3	81.3	81.3
GE 800	75.7	75.7	81.6	81.8	83.5	83.5	84.1	84.7	84.7	85.0	85.0	85.0	85.5	85.5	85.5	85.7
GE 700	76.9	77.9	83.0	83.6	85.5	85.5	86.7	87.2	87.2	87.7	87.7	87.7	88.2	88.2	88.2	88.4
GE 600	77.2	78.4	84.0	84.8	87.2	87.2	88.7	89.2	89.2	90.1	90.2	90.2	90.9	90.9	90.9	91.1
GE 500	77.4	78.6	84.1	85.0	87.7	87.9	90.1	90.6	90.6	91.7	91.9	91.9	92.9	92.9	92.9	93.1
GE 400	77.4	78.6	84.1	85.0	88.2	88.4	90.6	91.1	91.1	92.2	92.4	92.4	93.9	93.9	94.1	94.3
GE 300	77.4	78.6	84.1	85.0	88.2	88.4	90.7	91.2	91.2	92.6	92.9	92.9	95.3	95.3	95.6	95.8
GE 200	77.4	78.6	84.1	85.0	88.2	88.4	90.7	91.2	91.2	92.6	93.1	93.1	96.6	96.6	97.6	98.5
GE 100	77.4	78.6	84.1	85.0	88.2	88.4	90.7	91.2	91.2	92.6	93.1	93.1	96.6	96.6	97.8	99.8
GE 000	77.4	78.6	84.1	85.0	88.2	88.4	90.7	91.2	91.2	92.6	93.1	93.1	96.6	96.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 593

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	43.5	43.7	43.7	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 18000	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 16000	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 14000	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 12000	47.5	47.6	47.6	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 10000	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 9000	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 8000	50.5	50.8	51.0	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 7000	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 6000	51.8	52.1	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 5000	53.3	53.6	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 4500	54.2	54.5	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4000	55.6	55.9	56.2	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	56.9	57.2	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3000	59.1	59.4	59.8	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2500	62.9	63.2	63.6	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 2000	66.1	66.7	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1800	67.6	68.2	68.8	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1500	71.5	72.3	73.2	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1200	76.6	77.5	79.6	80.2	80.5	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1000	78.4	79.5	82.6	83.3	84.0	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	79.1	80.5	84.2	84.9	85.8	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	79.9	81.4	85.8	86.9	89.3	89.3	90.4	90.9	90.9	91.8	91.9	91.9	92.2	92.2	92.2	92.2
GE 700	80.1	81.6	86.1	87.2	90.4	90.4	91.9	92.4	92.4	93.3	93.5	93.5	93.9	93.9	93.9	93.9
GE 600	80.1	81.6	86.1	87.2	90.6	90.6	92.2	93.2	93.2	94.5	94.7	94.7	95.1	95.1	95.1	95.1
GE 500	80.1	81.6	86.1	87.4	90.9	90.9	92.7	93.6	93.6	95.3	96.0	96.0	96.5	96.7	97.0	97.0
GE 400	80.1	81.6	86.3	87.5	91.0	91.0	93.0	93.9	93.9	95.6	96.3	96.3	97.0	97.1	97.6	97.6
GE 300	80.1	81.6	86.3	87.5	91.0	91.0	93.2	94.2	94.2	95.9	96.7	96.7	97.4	97.6	98.3	98.3
GE 200	80.1	81.6	86.3	87.5	91.0	91.0	93.2	94.2	94.2	95.9	96.7	96.7	97.7	97.9	99.2	99.2
GE 100	80.1	81.6	86.3	87.5	91.0	91.0	93.2	94.2	94.2	95.9	96.7	96.7	97.7	98.0	99.4	99.7
GE 000	80.1	81.6	86.3	87.5	91.0	91.0	93.2	94.2	94.2	95.9	96.7	96.7	97.7	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	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 18000	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 16000	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 14000	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 12000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 6000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 2500	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2000	76.1	76.1	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	78.5	78.5	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	81.6	81.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	86.5	86.7	88.1	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	88.5	88.7	91.1	91.7	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6
GE 900	88.9	89.0	91.5	92.3	92.9	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6
GE 800	89.3	89.5	92.5	93.4	94.7	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	96.1	96.1	96.1
GE 700	89.8	90.0	92.9	94.2	95.6	95.6	96.7	97.5	97.5	98.0	98.0	98.0	98.4	98.4	98.4	98.4
GE 600	89.8	90.0	92.9	94.2	95.6	95.6	96.9	97.6	97.6	98.1	98.1	98.1	98.6	98.6	98.6	98.6
GE 500	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	98.7	98.7	98.7	99.2	99.2	99.2	99.2
GE 400	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
GE 300	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
GE 200	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
GE 100	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
GE 000	89.8	90.0	92.9	94.5	95.9	95.9	97.2	98.1	98.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	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 12000	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 10000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	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	64.5	64.5	64.5
GE 7000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	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	72.7	72.7
GE 3000	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	76.2	76.2
GE 2500	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	83.1	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 1800	85.4	85.6	86.2	86.2	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 1500	87.6	87.7	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	90.9	91.2	93.1	93.2	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	92.2	92.5	94.5	94.8	95.2	95.5	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	92.2	92.5	94.8	95.1	95.5	96.0	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	92.2	92.5	94.8	95.1	95.5	96.0	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	92.6	92.9	95.4	95.9	96.6	97.1	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.6	92.9	95.4	95.9	96.6	97.1	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.6	92.9	95.4	95.9	96.9	97.4	98.9	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	63.5	63.5	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	63.7	63.7	64.2	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	63.7	63.7	64.2	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 14000	63.8	63.8	64.3	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 12000	65.5	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	66.8	66.8	67.5	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 9000	67.0	67.0	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	67.7	67.7	68.3	68.5	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 7000	68.2	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	68.7	68.7	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	69.5	69.5	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	70.5	70.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	73.5	73.5	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
GE 3500	76.0	76.0	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	76.8
GE 3000	79.1	79.1	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	79.9
GE 2500	83.7	83.7	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	84.6
GE 2000	85.9	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 1800	86.9	86.9	87.6	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 1500	88.4	88.4	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	89.2
GE 1200	89.2	89.2	90.5	90.7	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 1000	90.9	90.9	92.4	92.7	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	91.2	91.2	93.0	93.4	94.2	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	91.9	92.2	94.0	94.4	95.2	95.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	92.7	93.0	95.2	95.5	96.5	96.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	92.7	93.0	95.2	95.5	96.5	96.5	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 400	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.7	98.7	98.7	99.3	99.3	99.7	99.7
GE 200	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.8	98.8	98.8	99.5	99.5	99.8	99.8
GE 100	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.8	98.8	98.8	99.7	99.7	100.0	100.0
GE 000	92.7	93.0	95.2	95.5	96.7	96.7	98.0	98.0	98.0	98.8	98.8	98.8	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 603

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	59.3	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	59.3	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	59.3	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2
GE 14000	59.3	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	60.7	60.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	62.1	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	62.1	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	63.4	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	63.9	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	65.3	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	68.2	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	68.2	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	69.1	69.1	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	69.8	69.8	70.5	70.7	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000	73.5	73.5	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9
GE 2500	76.4	76.4	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE 2000	79.4	79.4	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	79.9	79.9	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	83.2	83.2	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	85.7	85.7	86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	87.3	87.4	88.8	89.0	89.7	89.7	89.7	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	88.3	88.5	89.9	90.1	90.9	90.9	90.9	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	89.0	89.5	91.1	91.3	92.1	92.3	92.3	92.3	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	89.7	90.2	92.3	92.5	93.4	93.5	93.7	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	89.9	90.4	92.7	92.8	93.9	94.1	94.6	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	89.9	90.4	92.7	92.8	94.1	94.2	95.1	95.3	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	89.9	90.4	92.7	92.8	94.1	94.2	95.3	95.5	95.5	96.2	96.3	96.3	96.5	96.5	96.5	96.5
GE 300	89.9	90.4	92.7	92.8	94.1	94.2	95.3	95.5	95.5	96.3	96.9	96.9	97.9	98.1	98.1	98.1
GE 200	89.9	90.4	92.7	92.8	94.1	94.2	95.3	95.5	95.5	96.5	97.0	97.0	98.3	98.4	99.0	99.0
GE 100	89.9	90.4	92.7	92.8	94.1	94.2	95.3	95.5	95.5	96.5	97.0	97.0	98.4	98.6	99.1	99.3
GE 000	89.9	90.4	92.7	92.8	94.1	94.2	95.3	95.5	95.5	96.5	97.0	97.0	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	53.6	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	53.6	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 16000	53.6	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 14000	53.7	53.7	53.8	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 12000	54.5	54.5	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 10000	56.1	56.1	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8
GE 9000	56.4	56.5	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
GE 8000	57.5	57.5	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 7000	57.8	57.8	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
GE 6000	58.5	58.5	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 5000	60.3	60.4	60.7	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 4500	61.2	61.2	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000	62.7	62.7	63.0	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
GE 3500	64.4	64.5	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
GE 3000	66.8	67.0	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9
GE 2500	70.2	70.3	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 2000	73.6	73.8	74.4	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800	74.9	75.1	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4
GE 1500	77.8	78.1	79.1	79.3	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 1200	81.4	81.7	83.3	83.6	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 1000	83.5	84.0	86.2	86.5	87.1	87.2	87.4	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 900	84.5	85.0	87.6	88.0	88.7	88.8	89.1	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5
GE 800	85.6	86.2	89.2	89.6	90.8	90.9	91.5	91.7	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 700	86.5	87.2	90.4	91.0	92.5	92.5	93.4	93.8	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.4
GE 600	86.7	87.4	90.9	91.7	93.3	93.4	94.5	94.9	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.7
GE 500	86.8	87.4	91.0	92.0	93.8	93.9	95.2	95.6	95.6	96.3	96.5	96.5	96.8	96.8	96.9	96.9
GE 400	86.8	87.5	91.1	92.1	94.0	94.1	95.5	95.9	95.9	96.7	96.9	96.9	97.5	97.5	97.6	97.6
GE 300	86.8	87.5	91.1	92.1	94.0	94.1	95.5	96.0	96.0	97.0	97.2	97.2	98.1	98.2	98.4	98.4
GE 200	86.8	87.5	91.1	92.1	94.0	94.1	95.5	96.0	96.0	97.0	97.3	97.3	98.5	98.6	99.1	99.3
GE 100	86.8	87.5	91.1	92.1	94.0	94.1	95.5	96.0	96.0	97.0	97.3	97.3	98.6	98.7	99.2	99.8
GE 000	86.8	87.5	91.1	92.1	94.0	94.1	95.5	96.0	96.0	97.0	97.3	97.3	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 4863

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	48.7	48.7	49.0	49.0	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	53.4	53.4	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 18000	53.4	53.4	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	53.4	53.4	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	53.7	53.7	54.0	54.0	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 12000	54.7	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	55.6	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 8000	57.8	57.8	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	58.1	58.1	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	58.8	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	60.0	60.0	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500	60.3	60.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	62.1	62.2	62.7	62.7	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 3500	63.5	63.7	64.1	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
GE 3000	65.6	65.7	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 2500	66.0	66.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	68.7	68.9	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 1800	69.8	70.0	70.8	70.8	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 1500	74.7	74.9	75.8	75.8	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 1200	81.2	81.4	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
GE 1000	85.0	85.2	86.3	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	87.5	87.7	89.1	89.9	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 800	88.8	88.9	90.4	91.2	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 700	89.7	90.0	92.1	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	91.2	91.6	94.2	94.9	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 500	91.2	91.6	94.5	95.3	96.5	96.5	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 400	91.2	91.6	94.5	95.3	96.5	96.5	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 300	91.2	91.6	94.5	95.3	96.8	96.8	97.2	97.3	97.3	97.5	97.6	97.6	98.1	98.1	98.1	98.1
GE 200	91.2	91.6	94.5	95.3	96.8	96.8	97.2	97.3	97.3	97.5	97.6	97.6	98.3	98.3	99.1	99.1
GE 100	91.2	91.6	94.5	95.3	96.8	96.8	97.2	97.3	97.3	97.5	97.6	97.6	98.4	98.4	99.4	99.5
GE 000	91.2	91.6	94.5	95.3	96.8	96.8	97.2	97.3	97.3	97.5	97.6	97.6	98.4	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 633

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	40.4	40.4	41.5	41.5	41.6	41.8	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	43.9	43.9	45.2	45.2	45.3	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 18000	43.9	43.9	45.2	45.2	45.3	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	43.9	43.9	45.2	45.2	45.3	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 14000	43.9	43.9	45.2	45.2	45.3	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	44.4	44.4	45.7	45.7	45.8	46.0	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 10000	46.5	46.5	47.7	47.7	47.9	48.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 9000	46.8	46.8	48.1	48.1	48.2	48.4	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 8000	47.6	47.6	48.9	48.9	49.0	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 7000	47.6	47.6	48.9	48.9	49.0	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 6000	47.9	47.9	49.2	49.2	49.4	49.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 5000	49.5	49.5	50.8	50.8	51.0	51.1	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 4500	49.8	49.8	51.1	51.1	51.3	51.4	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4000	51.6	51.6	52.9	52.9	53.1	53.2	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 3500	52.9	52.9	54.2	54.2	54.3	54.5	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3000	55.1	55.3	56.6	56.6	56.8	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2500	57.7	57.9	59.5	59.5	59.6	59.8	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 2000	62.5	62.9	64.8	64.8	65.1	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1800	63.3	63.7	65.6	65.6	65.9	66.1	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1500	65.9	66.2	68.3	68.3	68.6	68.8	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 1200	72.8	73.3	75.6	75.6	75.9	76.0	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	77.2	78.0	80.4	80.7	81.0	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 900	79.9	80.7	83.4	83.9	84.4	84.6	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 800	82.2	83.0	86.7	87.1	87.6	87.8	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	84.9	85.9	90.0	90.5	91.2	91.3	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	85.7	86.7	91.3	91.8	92.4	92.6	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	86.3	87.3	92.3	92.9	93.7	93.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	86.3	87.3	92.4	93.1	93.9	94.1	96.1	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	86.3	87.3	92.4	93.1	94.1	94.2	96.6	97.3	97.4	97.7	97.9	97.9	98.1	98.1	98.1	98.1
GE 200	86.3	87.3	92.4	93.1	94.1	94.2	96.6	97.3	97.4	97.7	98.1	98.1	98.6	98.6	98.7	98.7
GE 100	86.3	87.3	92.4	93.1	94.1	94.2	96.6	97.3	97.4	97.7	98.1	98.1	98.7	98.7	99.8	99.8
GE 000	86.3	87.3	92.4	93.1	94.1	94.2	96.6	97.3	97.4	97.7	98.1	98.1	98.7	98.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAR 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	39.5	39.5	39.9	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0	41.0	41.1	41.1
GE 20000	43.6	43.6	44.1	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1	45.1	45.2	45.2
GE 18000	43.6	43.6	44.1	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1	45.1	45.2	45.2
GE 16000	43.6	43.6	44.1	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1	45.1	45.2	45.2
GE 14000	43.8	43.8	44.2	44.2	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.4	45.4
GE 12000	44.5	44.5	44.9	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1	46.1	46.3	46.3
GE 10000	45.7	45.8	46.5	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9
GE 9000	45.7	45.8	46.5	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9
GE 8000	46.3	46.4	47.1	47.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.3	48.5	48.5
GE 7000	46.4	46.5	47.3	47.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.6	48.6
GE 6000	46.4	46.5	47.3	47.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.6	48.6
GE 5000	47.7	47.9	48.6	48.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.8	49.8	49.9	49.9
GE 4500	48.2	48.3	49.0	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2	50.4	50.4
GE 4000	49.8	49.9	50.7	50.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.8	51.8	52.0	52.0
GE 3500	51.4	51.7	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.9	53.9
GE 3000	52.7	53.2	54.0	54.2	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.5	55.5
GE 2500	55.9	56.4	57.4	57.6	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.9	58.9
GE 2000	59.0	59.5	60.6	60.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1	62.1	62.3	62.3
GE 1800	59.6	60.1	61.2	61.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.8	62.8
GE 1500	64.9	65.3	65.5	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.4	68.4
GE 1200	69.3	70.0	72.2	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3	74.3	74.4	74.4
GE 1000	74.0	75.2	78.9	79.9	82.4	82.4	82.7	82.7	82.7	82.8	82.8	82.8	83.1	83.1	83.3	83.3
GE 900	75.3	76.7	80.8	82.1	84.6	84.6	85.0	85.2	85.2	85.3	85.3	85.3	85.6	85.6	85.8	85.8
GE 800	76.9	78.6	83.6	84.9	83.3	88.3	89.1	89.4	89.4	89.6	89.6	89.6	89.9	89.9	90.0	90.0
GE 700	77.4	79.0	84.3	86.0	89.4	89.4	90.6	91.0	91.0	91.2	91.2	91.2	91.6	91.6	91.8	91.8
GE 600	77.5	79.3	85.2	87.1	91.2	91.2	92.8	93.2	93.2	93.5	93.7	93.7	94.1	94.1	94.3	94.3
GE 500	77.8	79.6	85.9	88.0	92.7	92.7	94.9	95.3	95.3	95.9	96.0	96.0	96.6	96.6	96.8	96.8
GE 400	78.0	79.7	86.0	88.1	92.8	92.8	95.2	95.9	95.9	96.9	97.1	97.1	97.7	97.7	97.8	97.8
GE 300	78.0	79.7	86.0	88.1	93.0	93.0	95.3	96.0	96.0	97.1	97.4	97.4	98.1	98.1	98.2	98.2
GE 200	78.0	79.7	86.0	88.1	93.0	93.0	95.3	96.0	96.0	97.1	97.4	97.4	98.7	98.7	99.1	99.4
GE 100	78.0	79.7	86.0	88.1	93.0	93.0	95.3	96.0	96.0	97.1	97.4	97.4	98.7	98.7	99.4	99.9
GE 000	78.0	79.7	86.0	88.1	93.0	93.0	95.3	96.0	96.0	97.1	97.4	97.4	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 681

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	43.6	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 18000	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 16000	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 14000	48.7	48.8	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 12000	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 10000	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 8000	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	52.9	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
GE 6000	52.9	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
GE 5000	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 4500	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4000	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	56.0	56.1	56.4	56.4	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 3000	58.2	58.4	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 2500	61.7	61.9	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	66.5	66.7	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	68.5	68.6	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1500	74.3	74.7	75.7	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1200	79.2	79.7	81.4	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1000	83.7	85.0	88.3	89.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	83.7	85.0	88.6	89.9	91.7	91.7	92.0	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	84.0	85.7	90.4	92.1	94.4	94.5	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	84.0	85.7	90.6	92.4	95.2	95.4	96.5	96.8	96.8	97.2	97.3	97.3	97.5	97.5	97.5	97.5
GE 600	84.0	85.7	90.6	92.4	95.4	95.5	96.9	97.2	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0
GE 500	84.0	85.7	90.6	92.5	95.8	95.9	97.5	97.7	97.7	98.3	98.7	98.7	99.3	99.3	99.3	99.3
GE 400	84.0	85.8	90.7	92.7	95.9	96.1	97.6	97.9	97.9	98.6	99.0	99.0	99.7	99.7	99.7	99.7
GE 300	84.0	85.8	90.7	92.7	95.9	96.1	97.6	97.9	97.9	98.6	99.0	99.0	99.9	99.9	99.9	99.9
GE 200	84.0	85.8	90.7	92.7	95.9	96.1	97.6	97.9	97.9	98.6	99.0	99.0	99.9	99.9	99.9	100.0
GE 100	84.0	85.8	90.7	92.7	95.9	96.1	97.6	97.9	97.9	98.6	99.0	99.0	99.9	99.9	99.9	100.0
GE 000	84.0	85.8	90.7	92.7	95.9	96.1	97.6	97.9	97.9	98.6	99.0	99.0	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	52.0	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	57.9	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 12000	58.3	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	59.9	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 9000	60.6	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	63.8	64.1	64.1	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 4000	64.5	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3500	65.8	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3000	69.2	69.5	69.5	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 2500	77.5	77.8	77.8	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 2000	84.2	84.5	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	85.6	86.3	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 1500	88.8	90.0	90.5	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 1200	92.5	93.8	94.5	95.2	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 1000	93.4	94.9	96.0	97.0	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	93.4	94.9	96.2	97.2	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	93.6	95.3	96.8	97.9	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.6	95.3	96.8	97.9	98.7	98.7	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 708

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	68.8	68.8	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 18000	68.8	68.8	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 16000	68.8	68.8	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 14000	69.4	69.4	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 12000	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	70.4	70.4	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	70.8
GE 9000	70.8	70.8	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 8000	70.8	70.8	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 7000	70.8	70.8	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 6000	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	75.0	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	76.4	76.4	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 3500	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	84.2	84.2	84.6	84.6	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 2500	90.0	90.0	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	90.4
GE 2000	93.1	93.1	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 1800	94.1	94.1	94.5	94.5	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 1500	96.5	96.5	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	96.9
GE 1200	97.3	97.3	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 1000	97.6	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	97.6	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 400	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 300	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	98.0	98.2	98.6	98.6	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	74.6	74.8	74.9	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	74.6	74.8	74.9	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 14000	74.9	75.1	75.2	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
GE 12000	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	77.5	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 9000	77.6	77.8	77.9	77.9	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 8000	77.9	78.1	78.2	78.2	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	77.9	78.1	78.2	78.2	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 6000	78.5	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	79.9	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	80.3	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	81.8	81.9	82.1	82.1	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 3500	84.3	84.5	84.6	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
GE 3000	86.9	87.0	87.2	87.2	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 2500	90.6	90.7	90.9	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 2000	93.1	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	93.6	93.6
GE 1800	93.6	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	94.0	94.0
GE 1500	96.0	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	96.4	96.4
GE 1200	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	97.2	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	97.3	97.6	97.9	97.9	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	97.3	97.6	97.9	97.9	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	97.3	97.6	98.1	98.1	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	97.3	97.6	98.1	98.1	98.4	98.5	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9
GE 300	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.1	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.1	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.1	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	97.3	97.6	98.1	98.1	98.4	98.5	98.7	99.1	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	69.0	69.0	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 9000	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 7000	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	72.0	72.0	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 4000	74.4	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 3500	75.5	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	75.8	75.8
GE 3000	76.9	76.9	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	77.3
GE 2500	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	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	88.1
GE 1200	91.6	91.6	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	93.3	93.6	94.6	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	93.5	93.8	94.9	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	94.0	94.4	95.7	95.7	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	94.1	94.6	96.0	96.2	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 600	94.6	95.1	96.8	97.0	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	94.6	95.1	96.8	97.0	97.6	97.6	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	94.6	95.1	96.8	97.1	97.8	97.8	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	94.6	95.1	96.8	97.1	97.8	97.8	98.6	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	94.6	95.1	96.8	97.1	97.8	97.8	98.6	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	94.6	95.1	96.8	97.1	97.8	97.8	98.6	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	94.6	95.1	96.8	97.1	97.8	97.8	98.6	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	50.9	50.9	51.3	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	57.2	57.3	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 18000	57.2	57.3	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 16000	57.2	57.3	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 14000	57.5	57.6	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 12000	58.2	58.3	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 10000	59.6	59.7	60.1	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 9000	59.8	59.9	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7
GE 8000	60.5	60.6	61.0	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 7000	60.6	60.7	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5
GE 6000	61.0	61.1	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 5000	62.4	62.5	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
GE 4500	63.0	63.1	63.5	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000	64.5	64.6	65.1	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	66.3	66.4	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 3000	68.7	68.9	69.3	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
GE 2500	72.6	72.7	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2000	76.4	76.6	77.3	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	77.4	77.7	78.4	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1500	81.3	81.6	82.5	82.6	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 1200	85.2	85.7	86.8	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1000	87.8	88.5	90.2	90.7	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 900	88.6	89.4	91.2	91.9	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 800	89.4	90.3	92.6	93.3	94.3	94.4	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
GE 700	89.9	90.8	93.3	94.1	95.3	95.4	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	90.2	91.2	93.9	94.7	96.1	96.2	96.9	97.1	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	90.4	91.3	94.2	95.0	96.5	96.6	97.6	97.9	97.9	98.2	98.3	98.3	98.6	98.6	98.6	98.6
GE 400	90.4	91.3	94.2	95.1	96.6	96.7	97.7	98.1	98.1	98.5	98.6	98.6	98.9	98.9	98.9	98.9
GE 300	90.4	91.3	94.2	95.1	96.7	96.8	97.8	98.2	98.2	98.7	98.9	98.9	99.3	99.3	99.3	99.3
GE 200	90.4	91.3	94.2	95.1	96.7	96.8	97.8	98.2	98.2	98.7	98.9	98.9	99.4	99.4	99.6	99.7
GE 100	90.4	91.3	94.2	95.1	96.7	96.8	97.8	98.2	98.2	98.7	98.9	98.9	99.5	99.5	99.8	99.9
GE 000	90.4	91.3	94.2	95.1	96.7	96.8	97.8	98.2	98.2	98.7	98.9	98.9	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5363

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	52.8	53.0	53.3	53.5	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.3	54.3
GE 20000	60.0	60.2	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.5	61.5
GE 18000	60.0	60.2	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.5	61.5
GE 16000	60.0	60.2	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.5	61.5
GE 14000	60.0	60.2	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.5	61.5
GE 12000	60.2	60.4	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.7	61.7
GE 10000	62.2	62.3	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.7	63.7
GE 9000	62.2	62.3	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.7	63.7
GE 8000	63.3	63.5	63.8	64.0	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.6	64.6	64.8	64.8
GE 7000	63.8	64.0	64.3	64.5	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.3	65.3
GE 6000	64.5	64.6	65.0	65.1	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.8	65.8	66.0	66.0
GE 5000	66.1	66.3	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.6	67.6
GE 4500	66.1	66.3	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.6	67.6
GE 4000	67.1	67.3	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.6	68.6
GE 3500	68.6	68.8	69.1	69.2	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.9	69.9	70.1	70.1
GE 3000	71.1	71.2	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.4	72.4	72.5	72.5
GE 2500	71.2	71.7	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.2	73.2
GE 2000	72.4	73.0	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.5	74.5
GE 1800	72.9	73.5	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.8	74.8	75.0	75.0
GE 1500	76.8	77.5	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.1	79.1
GE 1200	80.8	81.4	82.4	82.6	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.9	83.9
GE 1000	84.2	84.9	86.2	86.5	88.2	88.2	88.3	88.3	88.3	88.7	88.7	88.7	88.8	88.8	89.0	89.0
GE 900	86.2	86.8	88.2	88.5	90.1	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.8	90.8	91.0	91.0
GE 800	87.5	88.2	89.6	90.0	91.8	91.9	92.1	92.1	92.1	92.4	92.4	92.4	92.6	92.6	92.8	92.8
GE 700	88.8	89.5	91.8	92.1	94.6	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.6	95.6
GE 600	89.8	90.5	93.1	93.6	96.4	96.5	96.7	96.9	96.9	97.5	97.5	97.5	97.7	97.7	97.9	97.9
GE 500	89.8	90.5	93.1	93.6	96.5	96.7	96.9	97.2	97.2	98.0	98.0	98.0	98.2	98.2	98.4	98.4
GE 400	89.8	90.5	93.1	93.6	96.5	96.7	97.0	97.4	97.4	98.4	98.4	98.4	98.5	98.5	98.7	98.7
GE 300	89.8	90.5	93.1	93.6	96.5	96.7	97.2	97.5	97.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8
GE 200	89.8	90.5	93.1	93.6	96.5	96.7	97.2	97.5	97.5	98.5	98.7	98.7	99.3	99.3	99.5	99.5
GE 100	89.8	90.5	93.1	93.6	96.5	96.7	97.2	97.5	97.5	98.5	98.7	98.7	99.3	99.3	99.8	99.8
GE 000	89.8	90.5	93.1	93.6	96.5	96.7	97.2	97.5	97.5	98.5	98.7	98.7	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	43.1	43.1	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	48.9	48.9	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	48.9	48.9	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	48.9	48.9	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	48.9	48.9	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000	48.9	48.9	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	50.2	50.2	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 9000	50.2	50.2	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	50.9	50.9	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	51.2	51.2	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
GE 6000	52.2	52.2	52.8	53.2	53.6	53.6	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	53.0	53.0	53.6	54.0	54.5	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	53.0	53.0	53.6	54.0	54.5	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8
GE 4000	53.6	53.6	54.3	54.6	55.1	55.1	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 3500	55.1	55.1	55.8	56.1	56.7	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1
GE 3000	56.2	56.2	56.9	57.2	57.9	57.9	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2
GE 2500	58.2	58.3	59.0	59.3	60.0	60.0	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	60.8	60.9	61.9	62.2	62.9	62.9	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 1800	61.9	62.1	63.0	63.4	64.0	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 1500	65.0	65.2	66.1	66.5	67.3	67.3	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
GE 1200	72.0	72.4	73.9	74.2	75.2	75.2	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 1000	78.1	78.8	80.6	80.9	81.8	81.8	82.8	82.8	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.3
GE 900	79.7	80.4	82.2	82.5	83.5	83.5	84.4	84.4	84.4	84.6	84.9	84.9	85.1	85.1	85.1	85.1
GE 800	82.3	83.0	84.9	85.4	86.7	86.7	88.2	88.3	88.3	88.7	89.0	89.0	89.1	89.1	89.1	89.1
GE 700	83.6	84.3	86.5	87.4	88.8	88.8	90.6	90.8	90.8	91.2	91.6	91.6	91.7	91.7	91.7	91.7
GE 600	84.3	84.9	87.2	88.3	90.4	90.4	92.7	92.9	92.9	93.5	93.8	93.8	94.0	94.0	94.0	94.0
GE 500	84.4	85.1	87.7	88.8	91.2	91.2	93.8	94.2	94.2	95.0	95.3	95.3	95.5	95.5	95.5	95.5
GE 400	84.4	85.1	87.7	88.8	91.2	91.2	94.2	94.5	94.5	95.6	96.3	96.3	96.8	96.8	96.8	96.8
GE 300	84.4	85.1	87.7	88.8	91.2	91.2	94.3	94.7	94.7	95.9	96.6	96.6	97.1	97.1	97.9	97.9
GE 200	84.4	85.1	87.7	88.8	91.2	91.2	94.5	94.8	94.8	96.3	97.1	97.1	97.6	97.6	98.9	99.0
GE 100	84.4	85.1	87.7	88.8	91.2	91.2	94.5	94.8	94.8	96.3	97.1	97.1	97.6	97.6	99.5	99.8
GE 000	84.4	85.1	87.7	88.8	91.2	91.2	94.5	94.8	94.8	96.3	97.1	97.1	97.6	97.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 617

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	33.4	33.4	34.0	34.5	35.4	35.4	35.4	35.4	35.4	35.5	35.7	35.7	36.1	36.1	36.1	36.3
GE 20000	37.8	37.8	38.7	39.1	40.0	40.0	40.0	40.0	40.0	40.1	40.3	40.3	40.7	40.7	40.7	40.9
GE 18000	37.9	37.9	38.8	39.3	40.1	40.1	40.1	40.1	40.1	40.3	40.4	40.4	40.9	40.9	40.9	41.0
GE 16000	37.9	37.9	38.8	39.3	40.1	40.1	40.1	40.1	40.1	40.3	40.4	40.4	40.9	40.9	40.9	41.0
GE 14000	37.9	37.9	38.8	39.3	40.1	40.1	40.1	40.1	40.1	40.3	40.4	40.4	40.9	40.9	40.9	41.0
GE 12000	38.5	38.5	39.4	39.9	40.7	40.7	40.7	40.7	40.7	40.9	41.0	41.0	41.5	41.5	41.5	41.6
GE 10000	39.3	39.3	40.1	40.6	41.5	41.5	41.5	41.5	41.5	41.6	41.8	41.8	42.2	42.2	42.2	42.4
GE 9000	39.4	39.4	40.3	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.9	41.9	42.4	42.4	42.4	42.5
GE 8000	40.7	40.7	41.6	42.1	43.0	43.0	43.0	43.0	43.0	43.1	43.3	43.3	43.9	43.9	43.9	44.0
GE 7000	40.9	40.9	41.8	42.2	43.1	43.1	43.1	43.1	43.1	43.3	43.4	43.4	44.0	44.0	44.0	44.2
GE 6000	41.3	41.3	42.2	42.7	43.6	43.6	43.6	43.6	43.6	43.7	43.9	43.9	44.5	44.5	44.5	44.6
GE 5000	42.8	42.8	43.7	44.2	45.1	45.1	45.1	45.1	45.1	45.2	45.4	45.4	46.0	46.0	46.0	46.1
GE 4500	43.0	43.0	43.9	44.3	45.2	45.2	45.2	45.2	45.2	45.4	45.5	45.5	46.1	46.1	46.1	46.3
GE 4000	44.3	44.3	45.2	45.7	46.6	46.6	46.6	46.6	46.6	46.7	46.9	46.9	47.5	47.5	47.5	47.6
GE 3500	45.7	45.7	46.6	47.0	47.9	47.9	47.9	47.9	47.9	48.1	48.2	48.2	48.8	48.8	48.8	49.0
GE 3000	48.1	48.1	49.0	49.7	50.6	50.6	50.7	50.7	50.7	50.9	51.0	51.0	51.6	51.6	51.6	51.8
GE 2500	49.9	49.9	51.2	52.1	53.0	53.0	53.1	53.1	53.1	53.3	53.4	53.4	54.0	54.0	54.0	54.2
GE 2000	53.6	53.9	55.7	56.6	57.8	57.8	58.1	58.1	58.1	58.2	58.4	58.4	59.0	59.0	59.1	59.3
GE 1800	54.3	54.6	56.7	57.8	59.0	59.0	59.3	59.3	59.3	59.4	59.6	59.6	60.1	60.1	60.3	60.4
GE 1500	58.7	59.6	63.0	64.0	65.5	65.5	66.0	66.0	66.0	66.1	66.6	66.6	67.2	67.2	67.3	67.5
GE 1200	64.8	66.0	71.0	72.5	74.5	74.5	75.1	75.1	75.1	75.2	75.7	75.7	76.3	76.3	76.4	76.6
GE 1000	67.2	68.5	74.5	76.3	79.0	79.0	79.6	79.9	79.9	80.4	80.9	80.9	81.5	81.5	81.6	81.8
GE 900	68.1	69.4	76.3	78.4	81.3	81.3	82.2	82.5	82.5	83.4	83.9	83.9	84.5	84.5	84.6	84.8
GE 800	68.7	70.1	77.8	80.0	83.6	83.7	84.9	85.8	85.8	87.0	87.5	87.5	88.2	88.2	88.4	88.5
GE 700	69.0	70.4	78.4	80.6	84.5	84.6	86.0	87.2	87.2	88.5	89.0	89.0	89.7	89.7	89.9	90.0
GE 600	69.0	70.4	78.5	80.7	84.9	85.1	86.9	88.5	88.5	90.1	90.9	90.9	91.8	91.8	91.9	92.1
GE 500	69.1	70.6	79.0	81.3	86.4	86.6	89.0	90.9	90.9	92.8	93.6	93.6	95.2	95.2	95.4	95.5
GE 400	69.1	70.6	79.0	81.3	86.4	86.6	89.0	90.9	90.9	93.0	94.3	94.3	96.7	96.7	96.9	97.0
GE 300	69.4	70.9	79.3	81.6	86.7	86.9	89.3	91.2	91.2	93.3	94.9	94.9	97.6	97.6	98.2	98.4
GE 200	69.4	70.9	79.3	81.6	86.7	86.9	89.3	91.2	91.2	93.4	95.1	95.1	97.8	97.8	98.8	99.0
GE 100	69.4	70.9	79.3	81.6	86.7	86.9	89.3	91.2	91.2	93.4	95.1	95.1	97.8	97.8	99.1	100.0
GE 000	69.4	70.9	79.3	81.6	86.7	86.9	89.3	91.2	91.2	93.4	95.1	95.1	97.8	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	40.3	40.6	40.6	40.8	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	45.2	45.5	45.6	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 18000	45.3	45.6	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 16000	45.3	45.6	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 14000	45.3	45.6	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 12000	45.5	45.8	45.9	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000	46.2	46.5	46.7	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 9000	46.7	46.9	47.1	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
GE 8000	47.7	48.0	48.1	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 7000	48.0	48.3	48.4	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 6000	48.0	48.3	48.4	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 5000	49.9	50.1	50.6	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 4500	50.0	50.3	50.7	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 4000	51.7	52.0	52.6	52.9	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 3500	53.5	53.8	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3000	55.7	56.0	56.7	57.0	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 2500	60.5	60.8	61.5	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2000	68.3	69.0	69.8	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1800	69.9	70.6	71.5	71.9	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 1500	76.3	77.6	79.1	79.8	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1200	80.5	81.8	85.2	86.2	87.6	87.6	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	83.3	84.9	89.1	90.6	92.3	92.3	93.6	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	83.3	84.9	89.2	90.8	92.7	92.7	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	83.6	85.3	89.8	91.6	93.6	93.6	95.5	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	83.6	85.3	90.0	91.7	93.9	93.9	96.1	97.2	97.2	98.0	98.0	98.0	98.3	98.3	98.3	98.3
GE 600	83.7	85.5	90.1	91.9	94.0	94.0	96.4	97.5	97.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0
GE 500	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6
GE 400	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6
GE 300	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.7	99.7	99.9	99.9
GE 200	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.7	99.7	100.0	100.0
GE 100	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.7	99.7	100.0	100.0
GE 000	83.7	85.5	90.1	91.9	94.2	94.2	96.7	97.8	97.8	98.8	98.8	98.8	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 688

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	49.6	49.6	50.0	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	55.9	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	55.9	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	55.9	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	56.2	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	56.6	56.7	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	58.9	59.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	59.2	59.4	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	60.0	60.1	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 7000	60.0	60.1	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 6000	60.0	60.1	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 5000	62.0	62.3	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
GE 4500	62.0	62.3	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
GE 4000	63.5	63.8	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	66.9	67.2	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3000	70.7	71.0	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	79.0	79.3	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	86.8	87.5	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 1800	88.3	89.0	89.9	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 1500	92.7	93.4	94.3	94.9	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 1200	93.5	94.4	96.0	96.6	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 1000	94.3	95.2	96.9	97.7	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 900	94.3	95.2	96.9	97.7	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.3	95.2	96.9	97.7	98.5	98.5	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	95.2	96.9	97.7	98.5	98.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 21
LST TO UTC: + 6 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	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.5	59.6	59.6	59.6	59.6
GE 20000	68.8	68.8	68.9	69.2	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 18000	68.8	68.8	68.9	69.2	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 16000	68.8	68.8	68.9	69.2	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 14000	68.9	68.9	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12000	69.4	69.4	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	71.6	71.6	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	72.1	72.1	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	73.8	73.8	73.9	74.2	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 7000	73.8	73.8	73.9	74.2	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 6000	74.2	74.2	74.3	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
GE 5000	75.6	75.6	75.7	76.0	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 4500	76.7	76.7	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
GE 4000	79.3	79.3	79.4	79.7	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 3500	82.3	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	85.8	85.8	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	91.8	91.8	91.9	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
GE 2000	95.2	95.2	95.3	95.7	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 1800	95.5	95.5	95.6	96.0	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 1500	96.0	96.0	96.3	96.7	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 1200	96.5	96.5	97.2	97.6	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 1000	96.9	96.9	97.6	98.0	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 900	96.9	96.9	97.6	98.0	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 800	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.2	97.2	97.9	98.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 705

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	62.8	62.8	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
GE 20000	75.5	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	75.7
GE 18000	75.5	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	75.7
GE 16000	75.5	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	75.7
GE 14000	75.5	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	75.7
GE 12000	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	78.8	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	80.3	80.3	80.3	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 7000	80.3	80.3	80.3	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 6000	81.0	81.0	81.0	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 5000	82.3	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	83.1	83.1	83.1	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 4000	85.6	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	86.8	86.8	86.8	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 3000	89.9	89.9	89.9	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 2500	93.3	93.3	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 2000	94.8	94.8	95.4	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
GE 1800	95.0	95.0	95.5	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
GE 1500	96.3	96.3	97.0	97.6	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 1200	96.6	96.6	97.5	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	96.7	96.7	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	96.7	96.7	97.8	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	96.9	97.9	98.5	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	62.6	62.7	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 20000	71.8	72.0	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	71.8	72.0	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	71.8	72.0	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 14000	71.8	72.0	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 12000	72.0	72.1	72.6	72.9	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 10000	74.7	74.9	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	74.7	74.9	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	75.9	76.0	76.5	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 7000	76.3	76.5	77.0	77.3	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 6000	77.6	77.8	78.3	78.6	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 5000	78.6	78.8	79.3	79.6	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 4500	78.8	78.9	79.4	79.7	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 4000	80.1	80.2	80.7	81.0	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 3500	80.6	80.7	81.2	81.5	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 3000	83.1	83.3	83.8	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
GE 2500	84.3	84.4	85.1	85.6	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 2000	86.9	87.0	88.2	88.7	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 1800	88.2	88.3	89.8	90.3	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 1500	89.8	90.0	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	92.5	92.7	94.7	95.3	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 1000	93.7	93.8	95.8	96.4	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 900	94.0	94.2	96.1	96.8	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 800	94.3	94.5	96.4	97.1	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 700	94.7	94.8	96.9	97.6	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 600	94.7	94.8	96.9	97.6	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 500	94.8	95.0	97.2	97.9	98.9	98.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.8	95.0	97.2	97.9	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.8	95.0	97.2	97.9	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.8	95.0	97.2	97.9	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	95.0	97.2	97.9	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	95.0	97.2	97.9	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 617

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	50.4	50.5	50.8	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5
GE 20000	58.0	58.0	58.4	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1
GE 18000	58.0	58.1	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2
GE 16000	58.0	58.1	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 14000	58.4	58.5	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6
GE 12000	60.2	60.3	60.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4
GE 10000	60.4	60.5	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 9000	61.5	61.6	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.8	62.8
GE 8000	61.8	61.9	62.2	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0
GE 7000	62.3	62.4	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6
GE 6000	63.8	63.9	64.3	64.6	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1
GE 5000	64.1	64.2	64.6	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 4500	65.7	65.8	66.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1
GE 4000	67.5	67.6	68.0	68.4	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 3500	70.1	70.3	70.7	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7
GE 3000	73.7	73.9	74.5	74.9	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.6
GE 2500	77.6	77.9	78.8	79.2	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
GE 2000	78.5	78.8	79.8	80.2	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.0
GE 1800	81.7	82.2	83.4	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.0
GE 1500	84.8	85.4	87.4	88.1	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.5
GE 1200	86.9	87.6	89.9	90.7	92.0	92.0	92.4	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 1000	87.5	88.2	90.6	91.5	92.9	92.9	93.4	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.0
GE 900	88.2	88.9	91.5	92.4	93.9	94.0	94.8	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.7
GE 800	88.5	89.2	92.1	93.0	94.7	94.8	95.7	96.0	96.0	96.5	96.6	96.6	96.7	96.7	96.8	96.8
GE 700	88.7	89.5	92.4	93.4	95.2	95.3	96.3	96.7	96.7	97.3	97.5	97.5	97.7	97.7	97.7	97.7
GE 600	88.8	89.5	92.5	93.5	95.6	95.6	96.8	97.3	97.3	98.0	98.2	98.2	98.5	98.5	98.6	98.6
GE 500	88.8	89.5	92.5	93.5	95.6	95.7	96.9	97.5	97.5	98.3	98.5	98.5	99.0	99.0	99.0	99.0
GE 400	88.8	89.5	92.5	93.6	95.6	95.7	97.0	97.5	97.5	98.3	98.6	98.6	99.2	99.2	99.4	99.4
GE 300	88.8	89.5	92.5	93.6	95.6	95.7	97.0	97.5	97.5	98.4	98.7	98.7	99.3	99.3	99.7	99.7
GE 200	88.8	89.5	92.5	93.6	95.6	95.7	97.0	97.5	97.5	98.4	98.7	98.7	99.3	99.3	99.8	100.0
GE 100	88.8	89.5	92.5	93.6	95.6	95.7	97.0	97.5	97.5	98.4	98.7	98.7	99.3	99.3	99.8	100.0
GE 000	88.8	89.5	92.5	93.6	95.6	95.7	97.0	97.5	97.5	98.4	98.7	98.7	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	50.4	50.4	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	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	59.7	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	61.5	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	62.3	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	62.8	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4500	62.8	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	64.9	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3000	69.8	69.8	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2500	71.3	71.3	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
GE 2000	75.5	75.5	76.0	76.0	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 1800	76.5	76.5	77.0	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 1500	82.4	82.4	83.0	83.0	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	91.4	91.4	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	95.6	95.6	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	96.9	96.9	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.9	96.9	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	97.2	97.2	98.7	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	97.4	97.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 500	97.4	97.4	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 400	97.6	97.6	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	97.6	97.6	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	97.6	97.6	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	97.6	97.6	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	97.6	97.6	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	34.6	34.6	35.4	35.4	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	39.7	39.7	40.5	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000	39.7	39.7	40.5	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	39.7	39.7	40.5	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	39.7	39.7	40.5	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	39.7	39.7	40.5	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 10000	40.5	40.5	41.5	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	40.5	40.5	41.5	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	40.5	40.5	41.5	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 7000	40.8	40.8	41.8	41.8	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 6000	41.5	41.5	42.4	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 5000	42.8	42.8	43.7	43.7	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 4500	42.8	42.8	43.7	43.7	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 4000	43.9	43.9	44.9	45.0	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 3500	44.7	44.7	45.9	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 3000	46.8	46.8	48.0	48.1	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 2500	48.8	48.8	49.9	50.1	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 2000	53.7	53.7	54.8	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1800	55.0	55.0	56.4	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 1500	62.9	63.1	64.9	65.0	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 1200	77.6	77.7	80.3	80.8	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	86.5	87.0	90.6	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	87.8	88.5	92.0	92.5	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	88.8	89.4	93.0	93.5	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	89.4	90.1	93.7	94.3	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	90.4	91.2	95.0	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	90.9	91.7	95.4	96.3	97.7	97.7	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	91.1	91.9	95.8	96.6	98.2	98.2	98.9	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	91.1	91.9	95.8	96.7	98.4	98.4	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	91.1	91.9	95.8	96.7	98.4	98.4	99.2	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	91.1	91.9	95.8	96.7	98.4	98.4	99.2	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	91.1	91.9	95.8	96.7	98.4	98.4	99.2	99.2	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	21.9	22.3	23.9	24.7	25.9	25.9	26.0	26.0	26.0	26.3	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	26.5	26.9	28.6	29.8	30.9	30.9	31.2	31.2	31.2	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 18000	26.5	26.9	28.6	29.8	30.9	30.9	31.2	31.2	31.2	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 16000	26.5	26.9	28.6	29.8	30.9	30.9	31.2	31.2	31.2	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 14000	26.5	26.9	28.6	29.8	30.9	30.9	31.2	31.2	31.2	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 12000	27.2	27.6	29.5	30.6	31.8	31.8	32.0	32.0	32.0	32.3	32.5	32.5	32.5	32.5	32.5	32.5
GE 10000	28.9	29.3	31.3	32.5	33.8	33.8	34.0	34.0	34.0	34.3	34.5	34.5	34.5	34.5	34.5	34.5
GE 9000	28.9	29.3	31.3	32.5	33.8	33.8	34.0	34.0	34.0	34.3	34.5	34.5	34.5	34.5	34.5	34.5
GE 8000	29.8	30.2	32.2	33.3	34.6	34.6	34.9	34.9	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 7000	29.8	30.2	32.2	33.3	34.6	34.6	34.9	34.9	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 6000	30.5	30.9	32.9	34.0	35.3	35.3	35.6	35.6	35.6	35.9	36.1	36.1	36.1	36.1	36.1	36.1
GE 5000	31.3	31.8	34.2	35.3	36.6	36.6	36.9	36.9	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.3
GE 4500	31.3	31.8	34.2	35.3	36.6	36.6	36.9	36.9	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.3
GE 4000	33.5	33.9	36.3	37.5	38.8	38.8	39.1	39.1	39.1	39.3	39.5	39.5	39.5	39.5	39.5	39.5
GE 3500	35.1	35.5	37.9	39.1	40.3	40.3	40.6	40.6	40.6	40.9	41.1	41.1	41.1	41.1	41.1	41.1
GE 3000	37.1	37.5	40.2	41.5	42.9	42.9	43.2	43.2	43.2	43.5	43.6	43.6	43.6	43.6	43.6	43.6
GE 2500	40.3	40.8	43.8	45.1	46.5	46.5	46.8	46.8	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 2000	45.5	46.1	49.4	50.8	52.4	52.4	52.8	52.8	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 1800	47.6	48.2	51.8	53.4	54.9	54.9	55.4	55.4	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 1500	59.4	60.4	65.4	67.0	68.8	68.8	69.2	69.4	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 1200	69.2	70.7	77.1	79.4	81.4	81.5	82.4	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 1000	74.0	75.7	84.3	87.1	90.0	90.3	91.4	92.4	92.6	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	74.1	76.0	84.8	88.0	91.0	91.3	92.4	93.4	93.6	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	74.5	76.5	85.7	89.0	92.4	92.8	94.4	95.4	95.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	74.5	76.5	85.8	89.1	92.7	93.1	94.7	96.0	96.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	74.8	76.8	86.3	89.6	93.1	93.6	95.3	96.7	96.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7
GE 200	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.4	99.4	99.9	99.9	99.9	99.9
GE 100	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.4	99.4	99.9	99.9	100.0	100.0
GE 000	74.8	76.8	86.4	89.7	93.7	94.1	95.9	97.3	97.4	99.0	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY 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	36.4	36.8	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 20000	41.9	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	41.9	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 16000	41.9	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 14000	41.9	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 12000	42.1	42.5	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
GE 10000	43.4	43.8	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 9000	43.4	43.8	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 8000	44.4	44.8	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	45.4
GE 7000	44.7	45.1	45.5	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 6000	44.7	45.1	45.5	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 5000	45.6	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4500	45.9	46.4	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 4000	47.2	47.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 3500	49.2	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3000	54.2	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 2500	61.5	62.6	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 2000	74.6	75.9	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	77.2
GE 1800	78.3	79.6	81.0	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 1500	85.2	86.6	89.0	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	87.6	89.4	93.7	94.6	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	88.4	90.4	95.4	96.6	97.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	88.4	90.4	95.6	96.7	98.0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	88.4	90.4	95.6	96.7	98.1	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.4	90.4	95.6	96.7	98.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LS* TO UTC: + 6 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	49.4	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	56.8	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	56.8	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	56.8	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	56.8	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	57.7	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	58.8	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	59.4	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	60.8	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 7000	60.8	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	61.1	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	62.8	63.7	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 4500	63.4	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	65.0	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	68.0	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	73.9	74.7	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 2500	83.9	85.1	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	90.1	91.8	93.1	93.3	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 1800	91.7	93.4	95.0	95.3	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 1500	93.7	95.4	97.0	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	93.8	95.8	97.6	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	94.0	96.0	97.7	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 900	94.0	96.0	97.7	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 800	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.0	96.0	97.7	98.7	99.0	99.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.9	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	73.9	74.1	74.8	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	73.9	74.1	74.8	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	73.9	74.1	74.8	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 14000	74.1	74.2	74.9	75.2	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 12000	74.2	74.4	75.1	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 10000	75.9	76.1	76.8	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 9000	76.1	76.2	76.9	77.2	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 8000	77.8	78.0	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	77.9	78.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	78.3	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	80.0	80.3	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	80.7	81.0	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 4000	83.0	83.3	84.0	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 3500	86.0	86.3	87.0	87.3	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 3000	90.4	90.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	93.1	93.5	94.9	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 2000	95.0	95.5	97.0	97.3	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	95.6	96.0	97.6	97.9	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.5	96.9	98.4	98.7	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 1200	96.5	97.0	98.7	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.7	97.3	99.2	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	65.0	65.2	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 20000	82.2	82.8	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
GE 18000	82.4	83.0	83.4	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 16000	82.4	83.0	83.4	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 14000	82.5	83.1	83.6	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 12000	82.7	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 10000	84.6	85.2	85.7	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	85.2	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	86.4	87.0	87.5	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 7000	86.7	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
GE 6000	86.9	87.5	87.9	88.2	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 5000	88.5	89.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	88.7	89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	91.1	91.9	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	92.8
GE 3500	92.2	92.9	93.5	93.8	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 3000	93.5	94.3	94.9	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 2500	95.2	95.9	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
GE 2000	96.5	97.3	97.9	98.2	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 1800	96.8	97.6	98.2	98.5	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 1500	97.7	98.6	99.2	99.5	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 1200	97.7	98.6	99.2	99.5	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 1000	98.0	98.9	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	99.8
GE 900	98.0	98.9	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	99.8
GE 800	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	61.8	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	75.2	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 18000	75.2	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	75.2	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 14000	75.2	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	75.5	75.5	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	76.3
GE 10000	77.7	77.7	78.5	78.5	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 9000	78.1	78.1	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	78.9
GE 8000	78.7	78.7	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	79.5
GE 7000	78.7	78.7	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	79.5
GE 6000	79.8	79.8	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 5000	80.5	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	80.6	80.6	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	81.5
GE 4000	82.7	82.7	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	83.5
GE 3500	83.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	87.4	87.4	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	88.4
GE 2500	89.7	89.7	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 2000	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	93.1	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	94.0
GE 1500	95.3	95.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	98.2	98.2	99.2	99.2	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 1000	98.5	98.5	99.5	99.5	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 900	98.5	98.5	99.5	99.5	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 800	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	98.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	47.6	47.9	48.6	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	56.7	57.0	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	56.7	57.0	57.8	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	56.7	57.0	57.8	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	56.8	57.1	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	57.2	57.5	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	58.6	59.0	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	58.8	59.2	60.0	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	59.8	60.1	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	60.0	60.3	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	60.5	60.8	61.6	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	61.6	62.0	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	61.9	62.3	63.1	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
GE 4000	63.8	64.2	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3500	65.6	66.0	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 3000	69.1	69.5	70.6	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 2500	73.0	73.5	74.7	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2000	78.0	78.6	79.9	80.3	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1800	79.5	80.1	81.6	81.9	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 1500	84.2	85.0	86.8	87.3	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	89.0	89.9	92.3	92.9	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	91.3	92.3	95.3	96.1	96.8	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	91.7	92.7	95.8	96.6	97.3	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	91.9	92.9	96.0	96.9	97.7	97.8	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	92.0	93.0	96.2	97.0	97.9	98.0	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	92.1	93.2	96.4	97.3	98.2	98.3	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	92.2	93.3	96.5	97.4	98.4	98.5	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.2	93.3	96.5	97.5	98.4	98.5	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.2	93.3	96.6	97.5	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	92.2	93.3	96.6	97.5	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.2	93.3	96.6	97.5	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.2	93.3	96.6	97.5	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5314

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	68.4	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
GE 18000	68.6	68.8	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	68.6	68.8	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	68.6	68.8	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	68.8	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
GE 10000	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	71.3	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	71.3	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 6000	71.8	71.9	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 5000	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	72.6	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	73.4	73.6	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 3000	74.8	74.9	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 2500	75.6	75.7	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 2000	80.4	80.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	81.6	81.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	87.0	87.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	93.5	93.9	94.9	94.9	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 1000	95.8	96.2	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	96.0	96.3	97.5	97.5	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 800	96.8	97.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	97.5	98.0	99.2	99.2	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 600	97.7	98.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	97.8	98.3	99.5	99.5	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 400	98.2	98.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.2	98.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	98.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	98.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.2	98.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "A"
USAFETA ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	43.9	43.9	43.9	44.2	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	47.5	47.5	47.5	47.8	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 18000	47.5	47.5	47.5	47.8	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 16000	47.5	47.5	47.5	47.8	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 14000	47.5	47.5	47.5	47.8	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 12000	48.2	48.2	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	49.5	49.5	49.5	49.8	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 9000	50.5	50.5	50.5	50.8	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	51.2	51.2	51.2	51.5	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	51.3	51.3	51.3	51.7	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 6000	52.0	52.0	52.0	52.3	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	52.3	52.3	52.3	52.6	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 4500	52.5	52.5	52.5	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 4000	53.3	53.3	53.3	53.6	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 3500	54.6	54.6	54.6	55.0	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3000	56.5	56.6	56.6	57.0	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2500	58.8	58.9	59.1	59.4	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2000	63.4	63.6	63.9	64.2	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 1800	66.6	66.7	67.1	67.4	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1500	74.7	74.8	75.3	75.8	76.3	76.3	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	83.8	84.1	84.6	85.1	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	89.2	89.6	90.1	90.6	91.7	91.7	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	90.2	90.6	91.2	91.7	92.9	92.9	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	91.7	92.1	93.0	93.7	95.0	95.0	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	93.2	93.5	94.9	95.7	97.0	97.0	97.7	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 600	93.7	94.0	95.5	96.4	97.7	97.7	98.3	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	93.9	94.2	95.9	96.7	98.0	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 400	94.2	94.5	96.2	97.0	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	94.4	94.7	96.4	97.2	98.5	98.5	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	94.4	94.7	96.4	97.2	98.5	98.5	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	94.4	94.7	96.4	97.2	98.5	98.5	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	94.4	94.7	96.4	97.2	98.5	98.5	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN 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	35.5	35.8	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	39.6	40.0	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	39.6	40.0	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	39.6	40.0	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	39.6	40.0	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	39.7	40.2	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	40.9	41.3	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 9000	41.3	41.7	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 8000	42.5	42.9	44.6	44.7	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 7000	42.6	43.0	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 6000	43.0	43.4	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000	43.6	44.0	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 4500	43.6	44.0	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 4000	44.4	44.9	46.6	46.7	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 3500	45.0	45.4	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 3000	46.0	46.4	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 2500	48.4	48.9	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 2000	55.3	56.0	58.0	58.3	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 1800	59.1	59.8	62.0	62.3	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 1500	76.4	77.2	79.6	79.9	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	85.0	85.9	88.7	89.0	89.2	89.2	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	89.0	89.9	93.3	93.7	94.4	94.4	94.6	94.7	94.7	95.0	95.0	95.0	95.2	95.2	95.2	95.2
GE 900	89.3	90.3	93.9	94.3	95.0	95.0	95.2	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 800	91.0	92.0	96.0	96.4	97.2	97.2	97.3	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 700	91.3	92.3	96.4	96.9	97.6	97.6	97.9	98.1	98.1	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 600	91.5	92.5	96.7	97.3	98.1	98.1	98.6	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	91.6	92.6	96.9	97.4	98.3	98.3	98.7	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	91.6	92.6	96.9	97.4	98.4	98.4	98.9	99.1	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.6	92.6	96.9	97.4	98.4	98.4	98.9	99.1	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.6	92.6	96.9	97.4	98.4	98.4	98.9	99.1	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.6	92.6	96.9	97.4	98.4	98.4	98.9	99.1	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.6	92.6	96.9	97.4	98.4	98.4	98.9	99.1	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	53.5	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	54.4	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	56.0	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	56.6	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	58.4	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 6000	58.4	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 5000	59.4	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4500	59.4	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4000	60.2	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	61.5	61.5	61.9	61.9	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 3000	66.4	66.4	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	66.8
GE 2500	76.1	76.1	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 2000	86.7	86.7	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 1800	89.5	89.5	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	90.4
GE 1500	96.3	96.5	97.9	97.9	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 1200	97.9	98.1	99.6	99.6	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 1000	98.2	98.4	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	99.9
GE 900	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 20000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	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	72.7	72.7
GE 12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	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	75.1	75.1	75.1
GE 9000	75.8	75.8	75.8	75.8	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	76.7	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	76.7	76.7
GE 7000	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	76.7	76.7
GE 6000	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	76.8	76.8	76.8
GE 5000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	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	80.6	80.6
GE 3500	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	83.7	83.7	83.7
GE 3000	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	88.7	88.7	88.7
GE 2500	95.7	95.7	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	95.9
GE 2000	98.4	98.5	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 1800	98.7	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	99.0
GE 1500	98.8	99.0	99.3	99.3	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 1200	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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	99.4	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 682

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUN 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	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	72.7	72.7
GE 20000	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	83.5	83.5	83.5
GE 18000	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	83.5	83.5	83.5
GE 16000	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	83.5	83.5	83.5
GE 14000	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	83.9
GE 12000	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	84.2	84.2
GE 10000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	86.5	86.5	86.5	86.5	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 6000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	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	87.4	87.4	87.4
GE 4500	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	87.9	87.9
GE 4000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	95.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.8	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	98.8	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	74.7
GE 20000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 18000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 16000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 14000	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	88.7	88.7	88.7
GE 12000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 10000	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	91.1	91.1
GE 9000	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	91.4	91.4
GE 8000	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	92.6	92.6
GE 7000	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	92.6	92.6
GE 6000	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	93.1	93.1	93.1
GE 5000	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	93.4	93.4
GE 4500	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	93.5	93.5
GE 4000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	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	96.4	96.4
GE 3000	97.7	97.7	97.9	97.9	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 2500	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	99.1	99.1	99.2	99.2	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	99.1	99.1	99.2	99.2	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	99.4	99.4	99.5	99.5	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	99.4	99.4	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	99.4	99.4	99.5	99.5	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 900	99.4	99.4	99.5	99.5	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 800	99.4	99.4	99.5	99.5	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 700	99.4	99.4	99.5	99.5	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 600	99.4	99.4	99.5	99.5	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 500	99.4	99.4	99.5	99.5	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	99.4	99.4	99.5	99.5	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	99.4	99.4	99.5	99.5	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	99.4	99.4	99.5	99.5	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	99.4	99.4	99.5	99.5	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	99.4	99.4	99.5	99.5	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 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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 20000	84.2	84.2	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	84.2	84.2	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	84.2	84.2	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	84.2	84.2	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 12000	84.4	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	84.5	84.5
GE 10000	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 9000	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	85.9	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	86.0
GE 6000	86.0	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	86.2	86.2
GE 5000	87.0	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 4500	87.5	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	87.7
GE 4000	88.5	88.5	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	88.7
GE 3500	89.3	89.3	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 3000	91.8	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 2500	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	93.4	93.4
GE 2000	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	95.4	95.4	95.9	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 1500	96.9	96.9	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	97.5
GE 1200	97.7	97.7	98.4	98.5	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 1000	97.9	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 900	98.0	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 800	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 700	98.4	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	59.4	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	67.1	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	67.1	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	67.1	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	67.2	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	67.6	67.7	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	69.0	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	69.4	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	70.4	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	70.6	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	70.9	70.9	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	71.5	71.6	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	71.7	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	73.3	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	74.6	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	77.1	77.2	77.6	77.7	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 2500	80.6	80.7	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	84.7	84.9	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	86.2	86.3	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	91.2	91.4	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	94.5	94.7	95.7	95.8	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 1000	96.1	96.3	97.3	97.5	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 900	96.3	96.5	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 800	96.8	97.1	98.2	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	97.1	97.4	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.2	97.5	98.8	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	97.3	97.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.3	97.6	98.9	99.2	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	97.4	97.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.4	97.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.4	97.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.4	97.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5223

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 20000	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	84.7	84.7	84.7
GE 18000	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	84.7	84.7	84.7
GE 16000	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	84.7	84.7	84.7
GE 14000	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	84.7	84.7	84.7
GE 12000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 10000	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	89.0	89.0	89.0
GE 9000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 8000	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	90.1	90.1	90.1
GE 7000	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	90.1	90.1	90.1
GE 6000	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	90.4	90.4	90.4
GE 5000	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	90.7	90.7
GE 4500	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	90.7	90.7
GE 4000	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	90.7	90.7
GE 3500	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	90.9	90.9
GE 3000	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	91.4	91.4
GE 2500	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	92.5	92.5
GE 2000	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	93.2	93.2
GE 1800	93.8	93.8	93.8	93.8	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 1500	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	95.8	95.8
GE 1200	97.6	97.6	97.6	97.6	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 1000	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	98.1	98.1
GE 900	98.5	98.5	98.5	98.5	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 800	98.5	98.5	98.9	98.9	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 700	98.9	98.9	99.2	99.2	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	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	64.6	64.6	64.6
GE 20000	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	67.4	67.4	67.4
GE 18000	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	67.4	67.4	67.4
GE 16000	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	67.4	67.4	67.4
GE 14000	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	67.4	67.4	67.4
GE 12000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	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	70.2	70.2
GE 9000	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	70.2	70.2
GE 8000	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	72.0	72.0
GE 7000	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	72.0	72.0
GE 6000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2500	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	75.3	75.3
GE 2000	77.4	77.4	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	77.6
GE 1800	77.9	77.9	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	78.1
GE 1500	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200	92.5	92.5	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	93.1
GE 1000	96.1	96.1	96.7	96.7	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 900	96.4	96.4	97.1	97.1	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 800	97.2	97.2	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	98.0	98.0	98.7	98.9	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	98.2	98.2	98.9	99.0	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 500	98.2	98.2	98.9	99.0	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	98.2	98.2	98.9	99.0	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	98.2	98.2	98.9	99.0	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	98.2	98.2	98.9	99.0	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	98.2	98.2	98.9	99.0	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	98.2	98.2	98.9	99.0	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 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	46.8	47.7	48.1	48.1	48.2	48.2	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	50.2	51.1	51.6	51.6	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 18000	50.2	51.1	51.6	51.6	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 16000	50.2	51.1	51.6	51.6	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 14000	50.2	51.1	51.6	51.6	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 12000	51.8	52.8	53.2	53.2	53.4	53.4	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	52.8	53.7	54.2	54.2	54.4	54.4	54.5	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 9000	53.2	54.2	54.7	54.7	54.9	54.9	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	54.2	55.2	55.8	55.8	56.0	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	54.2	55.2	55.8	55.8	56.0	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	54.2	55.2	55.8	55.8	56.0	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 5000	54.5	55.5	56.1	56.1	56.3	56.3	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4500	54.5	55.5	56.1	56.1	56.3	56.3	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4000	54.9	55.8	56.5	56.5	56.6	56.6	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	55.2	56.5	57.1	57.1	57.3	57.3	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3000	56.3	57.6	58.3	58.3	58.4	58.4	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 2500	57.6	58.9	59.5	59.5	59.7	59.7	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 2000	62.5	63.8	64.6	64.6	64.7	64.7	64.9	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 1800	64.6	65.9	66.8	66.8	67.0	67.0	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1500	76.4	77.7	78.8	78.8	79.0	79.0	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	88.7	90.1	91.6	91.6	91.7	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	93.4	94.8	96.6	96.6	96.9	96.9	97.1	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	94.3	95.8	97.6	97.6	97.9	97.9	98.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	95.1	96.6	98.4	98.5	98.9	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.3	96.8	98.5	98.7	99.0	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	95.3	96.8	98.5	98.7	99.0	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.3	96.8	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL 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	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	63.7	64.0	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	64.7
GE 18000	63.7	64.0	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	64.7
GE 16000	63.7	64.0	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	64.7
GE 14000	64.5	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	65.7	66.1	66.7	66.7	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 10000	66.6	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 9000	67.4	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	68.2	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	68.2	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	68.4	68.7	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	69.4
GE 5000	69.4	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	69.7	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	70.7	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 3500	71.7	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 3000	72.9	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2500	77.3	77.8	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	78.4
GE 2000	89.0	89.5	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	90.1
GE 1800	91.1	91.6	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 1500	96.2	96.7	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	97.3
GE 1200	97.5	98.0	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 1000	98.3	98.8	99.5	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	98.5	99.0	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	99.8
GE 800	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	99.0	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 598

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	70.1	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 20000	78.5	79.2	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 18000	78.5	79.2	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	79.2	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	79.0	79.7	79.8	79.8	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 12000	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 10000	82.6	83.3	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	83.4
GE 9000	82.6	83.3	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	83.4
GE 8000	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	84.6	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	85.0	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	85.9	85.9
GE 4000	86.8	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 3500	89.3	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	92.7	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	93.7	93.7
GE 2500	97.1	97.7	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	97.7	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	98.9	98.9
GE 1800	97.7	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	98.9	98.9
GE 1500	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
GE 1200	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
GE 1000	98.4	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	99.8	99.8
GE 900	98.4	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	99.8	99.8
GE 800	98.4	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	99.8	99.8
GE 700	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 600	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 500	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 400	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 300	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 200	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	71.1	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	71.4
GE 20000	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	82.1	82.1
GE 18000	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	82.1	82.1
GE 16000	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	82.1	82.1
GE 14000	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	82.4	82.4
GE 12000	84.0	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 10000	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	86.9	86.9	86.9
GE 9000	86.7	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	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	88.3
GE 7000	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	88.3
GE 6000	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	88.5	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	88.8
GE 4500	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	89.5	89.5	89.5
GE 4000	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	96.8	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	97.4	98.2	98.6	98.6	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 2000	98.2	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.2	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	98.4	99.2	99.5	99.5	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 1200	98.4	99.2	99.5	99.5	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 1000	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 18000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 16000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 14000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 12000	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	89.5	89.5
GE 10000	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	93.1	93.1	93.1
GE 9000	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	93.1	93.1	93.1
GE 8000	93.8	93.8	93.8	93.8	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 7000	93.8	93.8	93.8	93.8	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 6000	93.8	93.8	93.8	93.8	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 5000	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	94.6	94.6	94.6
GE 4500	94.6	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	94.7
GE 4000	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	95.8	95.8
GE 3500	97.6	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	97.8	97.8
GE 3000	98.7	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	99.0	99.0
GE 2500	98.7	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	99.0	99.0
GE 2000	98.9	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	99.2	99.2
GE 1800	98.9	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	99.2	99.2
GE 1500	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	99.7	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	100.0
GE 900	99.7	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	100.0
GE 800	99.7	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	100.0
GE 700	99.7	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	100.0
GE 600	99.7	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	100.0
GE 500	99.7	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	100.0
GE 400	99.7	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	100.0
GE 300	99.7	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	100.0
GE 200	99.7	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	100.0
GE 100	99.7	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	100.0
GE 000	99.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	83.5	83.5	83.5
GE 20000	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	88.9	88.9	88.9
GE 18000	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	88.9	88.9	88.9
GE 16000	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	88.9	88.9	88.9
GE 14000	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	88.9	88.9	88.9
GE 12000	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	90.9	90.9
GE 10000	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	93.6	93.6
GE 9000	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	93.6	93.6
GE 8000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 7000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000	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	94.7	94.7
GE 5000	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	95.2	95.2	95.2
GE 4500	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	95.2	95.2	95.2
GE 4000	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	96.2	96.2	96.2
GE 3500	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	96.2	96.2	96.2
GE 3000	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	96.8	96.8
GE 2500	97.6	97.6	97.6	97.6	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 2000	97.8	97.8	97.8	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	97.8	97.8	97.8	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 1500	98.6	98.6	98.6	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 1200	98.9	98.9	98.9	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 1000	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	99.0	99.0	99.0	99.2	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	99.0	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	99.4	99.4	99.5	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 600	99.4	99.4	99.5	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 500	99.5	99.5	99.7	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 400	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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 624

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	68.9	69.2	69.2	69.2	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 20000	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	77.2	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	79.4	79.7	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 9000	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	80.7	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	80.9	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	81.4	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 4500	81.5	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4000	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	85.1	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	86.8	87.2	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	89.4	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	90.0	90.5	90.8	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
GE 1500	93.3	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	96.4	96.8	97.3	97.3	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 1000	97.7	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.0	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	98.2	98.6	99.2	99.3	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 700	98.4	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.5	98.9	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 500	98.5	98.9	99.5	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	98.5	98.9	99.5	99.7	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	98.5	98.9	99.5	99.7	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	98.5	98.9	99.5	99.7	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	98.5	98.9	99.5	99.7	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	98.5	98.9	99.5	99.7	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 4934

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	83.0	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 20000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 16000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 14000	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	87.6
GE 12000	88.1	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	88.3
GE 10000	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	91.6	91.6	91.6
GE 9000	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	92.3
GE 8000	93.9	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	94.1
GE 7000	93.9	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	94.1
GE 6000	93.9	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	94.1
GE 5000	94.4	94.5	94.5	94.5	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 4500	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	94.7	94.7
GE 4000	95.0	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	95.2	95.2
GE 3500	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	95.3	95.3	95.3
GE 3000	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	96.1	96.1
GE 2500	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	96.1	96.1
GE 2000	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	96.8	96.8	96.8
GE 1800	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	96.9	96.9
GE 1500	97.9	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	98.1
GE 1200	99.2	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	99.4
GE 1000	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	99.8	99.8	99.8
GE 900	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	99.8	99.8	99.8
GE 800	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	99.8	99.8	99.8
GE 700	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	99.8	99.8	99.8
GE 600	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	99.8	99.8	99.8
GE 500	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	100.0	100.0
GE 400	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	100.0	100.0
GE 300	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	100.0	100.0
GE 200	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	100.0	100.0
GE 100	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	100.0	100.0
GE 000	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 20000	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	81.5	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	84.6	85.0	85.0	85.0	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	88.5	88.8	88.8	88.8	89.0	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	95.2	95.5	95.5	95.5	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	97.3	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	98.2	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	98.5	98.8	98.8	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	99.2	99.5	99.5	99.5	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 600	99.2	99.5	99.5	99.5	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 500	99.2	99.5	99.5	99.5	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 400	99.2	99.5	99.5	99.5	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	99.2	99.5	99.5	99.5	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	99.2	99.5	99.5	99.5	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	99.2	99.5	99.5	99.5	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	99.2	99.5	99.5	99.5	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 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG 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	51.1	52.6	53.7	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	53.6	55.2	56.5	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	53.6	55.2	56.5	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	53.6	55.2	56.5	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	53.6	55.2	56.5	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	54.9	56.8	58.1	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	57.5	59.6	61.0	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 9000	58.1	60.2	61.7	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	59.6	61.7	63.1	63.8	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 7000	59.6	61.7	63.1	63.8	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 6000	59.7	61.9	63.3	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	59.9	62.0	63.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	59.9	62.0	63.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4000	60.6	62.7	64.1	64.8	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 3500	60.7	62.8	64.3	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000	61.7	63.8	65.3	65.9	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 2500	62.3	64.4	65.9	66.6	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 2000	65.6	67.7	69.5	70.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1800	68.7	70.8	72.6	73.2	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 1500	79.5	81.7	83.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	89.4	91.6	93.7	94.3	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 1000	92.9	95.0	97.1	97.7	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 900	93.2	95.3	97.4	98.1	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	94.2	96.3	98.4	99.0	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	94.2	96.3	98.4	99.0	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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	94.2	96.3	98.5	99.2	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 616

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	66.7	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 20000	70.5	72.5	72.6	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 18000	70.5	72.5	72.6	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 16000	70.5	72.5	72.6	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	70.7	72.6	72.8	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	72.0	74.3	74.4	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 10000	74.4	76.9	77.0	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 9000	74.9	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 8000	76.1	78.5	78.7	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 7000	76.1	78.5	78.7	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 6000	76.1	78.5	78.7	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 5000	76.7	79.2	79.3	79.7	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 4500	77.0	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	77.0	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	77.4	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	78.5	81.1	81.3	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 2500	83.1	85.7	85.9	86.2	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 2000	90.3	93.0	93.3	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 1800	93.1	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	96.6	96.6
GE 1500	95.7	98.4	99.0	99.3	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 1200	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	75.2	76.2	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 20000	82.9	84.2	84.2	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	82.9	84.2	84.2	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	82.9	84.2	84.2	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	83.1	84.4	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	84.5
GE 12000	84.5	86.0	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	86.2
GE 10000	88.0	89.5	89.5	89.6	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 9000	88.3	89.8	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
GE 8000	89.3	90.8	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	91.0
GE 7000	89.3	90.8	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	91.0
GE 6000	89.6	91.1	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 5000	90.6	92.1	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
GE 4500	90.8	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	92.4
GE 4000	91.8	93.4	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
GE 3500	93.4	95.2	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	95.4
GE 3000	95.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	97.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 20000	83.8	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 18000	83.8	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 16000	83.8	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 14000	83.8	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 12000	84.6	85.1	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 10000	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 9000	87.2	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 8000	89.0	89.5	89.6	89.6	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 7000	89.1	89.6	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 6000	89.3	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 5000	90.6	91.1	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	91.2
GE 4500	90.8	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	91.4	91.4
GE 4000	93.8	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	94.5	94.5
GE 3500	97.1	97.6	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 3000	98.9	99.4	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	99.7
GE 2500	98.9	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	99.8	99.8
GE 2000	98.9	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	99.8	99.8
GE 1800	98.9	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	99.8	99.8
GE 1500	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 617

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LS. TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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 0
NO CEIL	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	76.7	76.7
GE 20000	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	88.8	88.8
GE 18000	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	88.8	88.8
GE 16000	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	88.8	88.8
GE 14000	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	88.8	88.8
GE 12000	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	90.1	90.1	90.1
GE 10000	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	92.0	92.0
GE 9000	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	92.5	92.5
GE 8000	94.1	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	94.2	94.2
GE 7000	94.1	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	94.2	94.2
GE 6000	94.1	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	94.2	94.2
GE 5000	94.6	94.6	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 4500	95.2	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	95.4	95.4
GE 4000	96.6	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	97.0	97.0
GE 3500	98.1	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	98.6	98.6
GE 3000	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	99.4	99.4
GE 2500	99.2	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	99.8	99.8
GE 2000	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 20000	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	90.5	90.5	90.5
GE 18000	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	90.6	90.6
GE 16000	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	90.6	90.6
GE 14000	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	90.6	90.6
GE 12000	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	91.7	91.7
GE 10000	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	95.4	95.4
GE 9000	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	95.9	95.9	95.9
GE 8000	96.7	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	96.8	96.8
GE 7000	96.7	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	96.8	96.8
GE 6000	96.7	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	96.8	96.8
GE 5000	96.8	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	97.0	97.0
GE 4500	96.8	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	97.0	97.0
GE 4000	97.9	97.9	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 3500	98.6	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	98.7	98.7
GE 3000	98.9	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	99.2	99.2
GE 2500	99.4	99.5	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	99.7
GE 2000	99.5	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	99.8	99.8
GE 1800	99.5	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	99.8	99.8
GE 1500	99.5	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	99.8	99.8
GE 1200	99.7	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	100.0
GE 1000	99.7	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	100.0
GE 900	99.7	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	100.0
GE 800	99.7	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	100.0
GE 700	99.7	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	100.0
GE 600	99.7	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	100.0
GE 500	99.7	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	100.0
GE 400	99.7	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	100.0
GE 300	99.7	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	100.0
GE 200	99.7	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	100.0
GE 100	99.7	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	100.0
GE 000	99.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.2	72.9	73.1	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
GE 20000	78.9	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	78.9	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 16000	78.9	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	79.0	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	80.0	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	82.9	83.7	83.9	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
GE 9000	83.3	84.2	84.4	84.6	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 8000	84.7	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 7000	84.8	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	84.8	85.7	86.0	86.1	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	85.4	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	85.6	86.5	86.7	86.9	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 4000	86.6	87.5	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	87.6	88.5	88.8	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
GE 3000	88.6	89.7	89.9	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 2500	89.8	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	91.6	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	92.4	93.4	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 1500	94.7	95.7	96.2	96.3	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 1200	97.0	98.1	98.5	98.6	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	97.7	98.8	99.2	99.4	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	97.9	98.9	99.4	99.5	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	98.1	99.1	99.5	99.7	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	98.1	99.2	99.6	99.8	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	98.1	99.2	99.6	99.8	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	98.2	99.2	99.7	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 400	98.2	99.2	99.7	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	98.2	99.2	99.7	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	98.2	99.2	99.7	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	98.2	99.2	99.7	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	98.2	99.2	99.7	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 4928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	66.6	66.6	67.1	67.1	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 20000	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	72.7	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	76.4	76.4	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 9000	76.4	76.4	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 8000	78.1	78.1	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 7000	78.6	78.6	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 6000	79.1	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	79.7	79.7
GE 5000	81.5	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	81.5	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	82.5	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	82.8	82.8	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 3000	84.6	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	86.4	86.4	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 2000	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	91.2	91.2	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 1500	93.9	93.9	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	94.9
GE 1200	96.2	96.2	97.5	97.5	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 1000	97.5	97.5	98.9	98.9	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	97.9	97.9	99.2	99.2	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 800	98.0	98.0	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	98.0	98.0	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	98.4	98.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	98.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	54.5	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	58.3	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	58.3	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	58.3	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	58.3	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	58.5	58.5	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	63.1	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	64.1	64.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	64.3	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	64.3	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	66.3	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	66.3	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	67.4	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3500	67.8	67.8	68.4	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 3000	70.1	70.2	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	71.4	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 2000	75.7	75.9	76.5	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 1800	78.0	78.2	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500	82.0	82.3	83.1	83.5	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 1200	91.1	91.4	92.6	92.9	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 1000	94.7	95.0	96.5	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
GE 900	95.9	96.2	97.7	98.0	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 800	96.9	97.2	98.7	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 700	97.4	97.7	99.2	99.5	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	97.5	97.9	99.3	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 500	97.7	98.0	99.5	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 400	97.7	98.0	99.5	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	97.7	98.0	99.5	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	97.7	98.0	99.5	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	97.7	98.0	99.5	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	97.7	98.0	99.5	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 605

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	47.9	47.9	49.0	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	50.3	50.3	51.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	50.3	50.3	51.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	50.3	50.3	51.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	50.3	50.3	51.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	51.3	51.5	52.9	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	53.8	53.9	55.4	56.4	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 9000	54.1	54.2	55.7	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	55.1	55.2	56.7	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	55.2	55.4	56.9	57.8	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 6000	55.2	55.4	56.9	57.8	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 5000	56.9	57.0	58.5	59.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500	56.9	57.0	58.5	59.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4000	57.5	57.7	59.2	60.1	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 3500	58.2	58.3	59.8	60.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 3000	60.0	60.1	61.8	62.7	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 2500	61.8	61.9	63.6	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000	67.6	67.8	69.6	70.6	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	69.3	69.8	72.2	73.2	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1500	76.5	77.0	79.7	80.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	87.3	87.9	91.2	92.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	91.3	92.0	95.3	96.2	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	92.0	92.6	95.9	96.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	93.1	93.8	97.1	98.0	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 700	93.1	93.8	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.1	93.8	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.1	93.8	97.2	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	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 10000	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	64.1
GE 9000	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	64.4
GE 8000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	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	66.6	66.6	66.6
GE 4500	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	66.6	66.6	66.6
GE 4000	67.1	67.1	67.1	67.1	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 3500	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	69.1
GE 3000	72.3	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	72.7
GE 2500	79.0	79.4	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	79.5
GE 2000	86.1	86.4	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	88.8	89.1	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	93.8	94.3	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	96.5	97.0	98.3	98.3	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.0	97.5	98.8	98.8	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 900	97.1	97.7	99.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.3	97.8	99.2	99.2	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 700	97.3	97.8	99.2	99.2	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 600	97.3	97.8	99.2	99.2	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 500	97.3	97.8	99.2	99.2	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	97.3	97.8	99.2	99.2	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	97.3	97.8	99.2	99.2	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	97.3	97.8	99.2	99.2	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	97.3	97.8	99.2	99.2	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	97.3	97.8	99.2	99.2	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 596

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	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	74.8
GE 9000	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	74.8
GE 8000	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	76.6	76.6
GE 7000	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	76.6	76.6
GE 6000	77.2	77.2	77.2	77.2	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 5000	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	78.2
GE 4500	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	78.2
GE 4000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3000	89.8	89.8	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
GE 2500	96.3	96.3	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 2000	98.5	98.5	98.6	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 1800	98.6	98.6	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 1500	99.5	99.5	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	99.8
GE 1200	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 591

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP 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	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	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 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	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 14000	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 12000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	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	81.6	81.6	81.6
GE 7000	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	81.6	81.6	81.6
GE 6000	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	81.6	81.6	81.6
GE 5000	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	83.1
GE 4500	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	83.6	83.6
GE 4000	86.2	86.2	86.2	86.2	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 3500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	96.7	96.8	96.8	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 2500	98.3	98.5	98.5	98.7	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	99.2	99.3	99.3	99.5	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 1800	99.2	99.3	99.3	99.5	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 1500	99.5	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	100.0	100.0
GE 1200	99.5	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	100.0	100.0
GE 1000	99.5	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	100.0	100.0
GE 900	99.5	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	100.0	100.0
GE 800	99.5	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	100.0	100.0
GE 700	99.5	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	100.0	100.0
GE 600	99.5	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	100.0	100.0
GE 500	99.5	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	100.0	100.0
GE 400	99.5	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	100.0	100.0
GE 300	99.5	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	100.0	100.0
GE 200	99.5	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	100.0	100.0
GE 100	99.5	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	100.0	100.0
GE 000	99.5	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	83.2	83.2	83.2	83.2	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 18000	83.2	83.2	83.2	83.2	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 16000	83.2	83.2	83.2	83.2	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 14000	83.2	83.2	83.2	83.2	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 12000	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	83.7	83.7	83.7
GE 10000	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	89.0	89.0	89.0
GE 9000	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	89.5	89.5
GE 8000	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	90.0	90.0
GE 7000	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	90.0	90.0
GE 6000	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	90.3	90.3	90.3
GE 5000	91.9	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	92.1
GE 4500	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	92.3
GE 4000	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	93.9	93.9	93.9
GE 3500	94.9	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	95.1
GE 3000	97.5	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	97.7
GE 2500	98.4	98.5	98.5	98.5	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	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	99.2	99.2	99.2
GE 1800	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	99.3	99.3	99.3
GE 1500	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	99.8	99.8	99.8
GE 1200	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	100.0	100.0
GE 1000	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	100.0	100.0
GE 900	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	100.0	100.0
GE 800	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	100.0	100.0
GE 700	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	100.0	100.0
GE 600	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	100.0	100.0
GE 500	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	100.0	100.0
GE 400	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	100.0	100.0
GE 300	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	100.0	100.0
GE 200	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	100.0	100.0
GE 100	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	100.0	100.0
GE 000	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 608

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	74.9	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	75.1
GE 20000	84.1	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	84.2
GE 18000	84.1	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	84.2
GE 16000	84.1	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	84.2
GE 14000	84.1	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	84.2
GE 12000	84.6	84.6	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	84.7
GE 10000	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 9000	87.7	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 8000	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6000	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 5000	92.5	92.5	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 4500	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000	94.0	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	94.2
GE 3500	94.5	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	94.7
GE 3000	96.0	96.0	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	96.2
GE 2500	97.3	97.3	97.5	97.5	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	98.7	98.7	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 1800	98.8	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	99.0
GE 1500	99.2	99.2	99.5	99.5	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 1200	99.5	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	99.8	99.8
GE 1000	99.5	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	99.8	99.8
GE 900	99.5	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	99.8	99.8
GE 800	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "1"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	61.2	61.2	61.5	61.6	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	68.7	68.7	69.0	69.2	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 18000	68.7	68.7	69.0	69.2	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 16000	68.7	68.7	69.0	69.2	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 14000	68.8	68.8	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
GE 12000	69.8	69.8	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	73.4	73.4	73.8	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 9000	73.7	73.7	74.0	74.2	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 8000	75.1	75.1	75.4	75.6	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 7000	75.2	75.2	75.5	75.7	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 6000	75.5	75.5	75.9	76.0	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 5000	77.1	77.1	77.5	77.7	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 4500	77.2	77.3	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	78.5	78.5	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	80.4	80.4	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	83.3	83.5	83.9	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
GE 2500	86.1	86.2	86.6	86.8	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 2000	89.4	89.5	90.0	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 1800	90.3	90.5	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	93.0	93.2	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	96.1	96.4	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	97.3	97.6	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	97.6	97.9	98.9	99.1	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 800	97.9	98.2	99.2	99.4	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	98.0	98.2	99.3	99.5	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 600	98.1	98.3	99.3	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	98.1	98.3	99.4	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	98.1	98.3	99.4	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	98.1	98.3	99.4	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	98.1	98.3	99.4	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	98.1	98.3	99.4	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	98.1	98.3	99.4	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 4827

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	66.9	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 20000	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	70.9	70.9	70.9	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 7000	70.9	70.9	70.9	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 6000	71.4	71.4	71.4	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 5000	72.7	72.7	72.7	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 4500	72.7	72.7	72.7	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 4000	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	74.3	74.3	74.3	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 3000	75.7	75.7	75.9	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 2500	78.1	78.1	78.6	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 2000	83.2	83.4	83.9	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 1800	84.3	84.5	85.0	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 1500	87.7	87.9	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 1200	91.5	91.7	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	93.5	93.6	94.2	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 900	94.2	94.4	95.0	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
GE 800	94.2	94.4	95.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	94.9	95.0	95.7	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	95.2	95.4	96.2	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	95.5	95.7	96.5	97.8	97.9	97.9	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	95.7	95.8	96.8	98.1	98.2	98.2	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	95.8	96.8	98.1	98.2	98.2	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	95.8	96.8	98.1	98.2	98.2	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	95.8	96.8	98.1	98.2	98.2	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	95.8	96.8	98.1	98.2	98.2	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 8000	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 6000	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	60.8	60.8	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 3000	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 2500	63.7	63.7	64.2	64.3	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 2000	68.6	68.6	69.6	69.9	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 1800	69.1	69.1	70.1	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1500	76.8	76.8	77.7	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1200	82.5	82.5	83.6	83.9	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 1000	87.6	87.7	89.5	90.1	90.8	90.8	90.8	90.8	90.8	91.2	91.2	91.2	91.4	91.4	91.4	91.4
GE 900	88.2	88.4	90.1	90.8	91.4	91.4	91.4	91.4	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 800	90.1	90.3	92.2	93.0	93.8	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 700	90.8	90.9	93.2	94.3	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7
GE 600	90.9	91.1	93.9	95.2	96.3	96.3	96.5	96.8	96.8	97.3	97.3	97.3	97.5	97.5	97.5	97.5
GE 500	90.9	91.1	94.1	95.4	96.8	96.8	97.3	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 400	90.9	91.1	94.1	95.4	97.1	97.1	97.8	98.1	98.1	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 300	91.1	91.2	94.3	95.5	97.3	97.3	97.9	98.2	98.2	98.9	98.9	98.9	99.0	99.0	99.2	99.2
GE 200	91.1	91.2	94.3	95.5	97.3	97.3	97.9	98.2	98.2	98.9	98.9	98.9	99.4	99.4	99.7	99.7
GE 100	91.1	91.2	94.3	95.5	97.3	97.3	97.9	98.2	98.2	98.9	98.9	98.9	99.4	99.4	99.7	100.0
GE 000	91.1	91.2	94.3	95.5	97.3	97.3	97.9	98.2	98.2	98.9	98.9	98.9	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 628

D - 2 - 83

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	45.2	45.4	45.7	45.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7
GE 20000	48.1	48.3	48.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
GE 18000	48.1	48.3	48.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
GE 16000	48.1	48.3	48.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
GE 14000	48.1	48.3	48.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
GE 12000	48.3	48.5	48.9	49.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 10000	49.1	49.3	49.8	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
GE 9000	49.3	49.4	49.9	50.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9
GE 8000	49.9	50.2	50.7	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7
GE 7000	49.9	50.2	50.7	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7
GE 6000	50.6	50.9	51.4	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
GE 5000	51.2	51.5	52.0	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0
GE 4500	51.7	52.0	52.5	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
GE 4000	52.2	52.5	53.0	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0
GE 3500	53.8	54.3	54.8	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 3000	55.3	55.7	56.5	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 2500	58.0	58.6	59.6	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6
GE 2000	63.5	64.1	65.4	65.8	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9
GE 1800	65.1	65.8	67.0	67.5	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7
GE 1500	71.7	72.9	74.5	75.1	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3
GE 1200	80.6	82.1	84.0	84.7	85.9	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6
GE 1000	83.7	85.1	88.4	89.8	91.4	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 900	84.0	85.3	88.9	90.6	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
GE 800	85.0	86.4	90.0	91.8	94.0	94.0	94.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 700	85.3	86.9	90.5	92.2	94.5	94.5	95.3	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 600	85.3	86.9	91.0	92.9	95.3	95.3	96.1	96.3	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 500	85.3	86.9	91.0	92.9	95.3	95.3	96.3	96.4	96.4	96.9	96.9	96.9	97.3	97.3	97.3	97.3
GE 400	85.3	86.9	91.0	92.9	95.3	95.3	96.3	96.4	96.4	97.3	97.3	97.3	97.7	97.7	97.9	97.9
GE 300	85.3	86.9	91.0	93.1	95.5	95.5	96.4	96.6	96.6	97.4	97.4	97.4	98.1	98.1	98.2	98.2
GE 200	85.3	86.9	91.0	93.1	95.5	95.5	96.4	96.6	96.6	97.4	97.4	97.4	98.2	98.2	98.4	98.9
GE 100	85.3	86.9	91.0	93.1	95.5	95.5	96.4	96.6	96.6	97.4	97.4	97.4	98.2	98.2	98.5	99.8
GE 000	85.3	86.9	91.0	93.1	95.5	95.5	96.4	96.6	96.6	97.4	97.4	97.4	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 619

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	47.5	47.7	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	48.0
GE 20000	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 12000	52.8	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	54.2	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	54.2	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 8000	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 4500	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 4000	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3500	58.8	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	63.1	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 2500	69.3	70.3	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	70.8
GE 2000	80.6	81.7	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	82.2
GE 1800	82.2	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	87.7	88.9	89.5	89.7	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 1200	88.9	90.2	91.5	91.7	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	89.9	91.2	93.0	93.3	94.4	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	89.9	91.2	93.0	93.3	94.4	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	90.7	92.0	94.4	95.1	96.9	96.9	97.5	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	90.7	92.0	94.4	95.1	96.9	96.9	97.5	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	90.7	92.0	94.4	95.1	96.9	96.9	97.5	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.2	99.2
GE 200	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	99.0	99.3	99.3	99.3	99.3	99.5	99.7
GE 100	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	99.0	99.3	99.3	99.3	99.3	99.5	100.0
GE 000	90.7	92.0	94.4	95.1	96.9	96.9	97.7	98.2	98.2	99.0	99.3	99.3	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	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	64.3
GE 18000	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	64.3
GE 16000	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	64.3
GE 14000	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	64.6	64.6	64.6
GE 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	66.7	66.7	66.7	66.7	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 6000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	68.5	68.5	68.5	68.5	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 4000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	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	72.3	72.3
GE 3000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	87.8	87.8	87.8	87.8	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 2000	92.6	92.6	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 1800	93.2	93.4	93.6	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
GE 1500	95.4	95.6	95.9	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
GE 1200	95.6	95.7	96.2	96.2	96.9	96.9	96.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	96.2	96.4	97.0	97.0	97.9	97.9	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	96.2	96.4	97.0	97.0	97.9	97.9	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	96.5	97.5	97.5	98.7	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	75.7	75.7	75.7	75.7	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 12000	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	76.5	76.5
GE 10000	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	77.1
GE 9000	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	77.6	77.6	77.6
GE 8000	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	79.0	79.0
GE 7000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	79.7	79.7	79.7	79.7	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 4500	79.8	79.8	79.8	79.8	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 4000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	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	85.1	85.1
GE 3000	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	90.1	90.1	90.1
GE 2500	93.8	93.8	93.8	93.8	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 2000	95.7	95.7	95.7	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
GE 1800	96.2	96.2	96.5	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
GE 1500	96.8	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	97.4	97.4	97.8	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 1000	97.6	97.6	98.1	98.4	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 900	97.6	97.6	98.1	98.4	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 800	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 700	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 600	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 500	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	97.6	97.6	98.1	98.6	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT 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	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 20000	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	81.4
GE 18000	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	81.4
GE 16000	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	81.4
GE 14000	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	81.4
GE 12000	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	82.2	82.2	82.2
GE 10000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	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	84.5	84.5	84.5
GE 8000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	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	85.8	85.8	85.8
GE 5000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	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	87.8	87.8
GE 3500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	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	95.8	95.8
GE 2000	97.0	97.1	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	97.3
GE 1800	97.3	97.4	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	97.8
GE 1500	97.8	97.9	98.2	98.2	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 1200	97.8	97.9	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 1000	97.9	98.1	98.7	98.9	99.0	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.9	98.1	98.7	98.9	99.0	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.1	98.7	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	74.3	74.3
GE 20000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 16000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 14000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	79.7	79.7	79.7	79.7	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 10000	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	81.2	81.2	81.2
GE 9000	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	81.8	81.8	81.8
GE 8000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	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	83.1
GE 6000	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	83.4	83.4	83.4
GE 5000	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	84.4
GE 4500	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	84.7	84.7	84.7
GE 4000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	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	87.9	87.9
GE 2500	89.1	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	89.4	89.4
GE 2000	92.0	92.0	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 1800	92.9	93.1	93.7	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 1500	94.5	94.9	95.5	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	95.0	95.7	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	95.7	96.3	97.1	97.4	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	96.0	96.6	97.4	97.7	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	96.0	96.6	97.4	97.7	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	96.1	96.8	97.9	98.2	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	96.1	96.8	97.9	98.2	98.9	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.1	96.8	97.9	98.2	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 18000	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 16000	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 14000	66.2	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 12000	66.5	66.5	66.6	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
GE 10000	67.4	67.4	67.6	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
GE 9000	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 8000	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	68.6	68.6	68.7	68.8	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 6000	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	69.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	69.9	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
GE 3000	75.8	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 2500	79.5	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	84.1	84.4	84.9	85.1	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 1800	85.0	85.3	85.9	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	88.5	88.9	89.6	89.8	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 1200	91.2	91.6	92.5	92.7	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 1000	92.7	93.3	94.5	95.0	95.7	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	93.0	93.5	94.8	95.3	96.1	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	93.5	94.0	95.4	96.1	97.1	97.1	97.5	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	93.7	94.2	95.7	96.5	97.5	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 600	93.8	94.3	96.0	96.8	97.8	97.8	98.2	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	93.8	94.3	96.0	96.8	97.9	97.9	98.5	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	93.8	94.4	96.1	96.9	98.0	98.0	98.6	98.8	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	93.9	94.4	96.1	96.9	98.0	98.0	98.6	98.8	98.8	99.4	99.4	99.4	99.5	99.5	99.6	99.6
GE 200	93.9	94.4	96.1	96.9	98.0	98.0	98.6	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.7	99.8
GE 100	93.9	94.4	96.1	96.9	98.0	98.0	98.6	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.7	100.0
GE 000	93.9	94.4	96.1	96.9	98.0	98.0	98.6	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4964

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV 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	48.9	49.1	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.4	50.4	50.6	50.6
GE 20000	53.1	53.2	53.9	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.9	54.9
GE 18000	53.1	53.2	53.9	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.9	54.9
GE 16000	53.1	53.2	53.9	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.9	54.9
GE 14000	53.1	53.2	53.9	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.9	54.9
GE 12000	53.1	53.2	53.9	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.9	54.9
GE 10000	54.5	54.7	55.4	55.5	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2	56.4	56.4
GE 9000	54.5	54.7	55.4	55.5	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2	56.4	56.4
GE 8000	55.2	55.4	56.0	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.9	56.9	57.0	57.0
GE 7000	55.2	55.4	56.0	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.9	56.9	57.0	57.0
GE 6000	56.7	56.9	57.5	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.3	58.3	58.5	58.5
GE 5000	58.0	58.2	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.7	59.7	59.8	59.8
GE 4500	58.8	59.0	59.7	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.5	60.5	60.7	60.7
GE 4000	60.5	60.8	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.3	62.3	62.5	62.5
GE 3500	62.5	63.0	63.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.5	64.5	64.6	64.6
GE 3000	65.3	65.8	66.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.6	67.8	67.8
GE 2500	68.6	69.1	70.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.9	70.9	71.1	71.1
GE 2000	72.9	73.4	74.5	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.4	75.4	75.5	75.5
GE 1800	73.9	74.4	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.7	76.7	76.9	76.9
GE 1500	78.5	79.0	80.5	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.7	81.7	81.8	81.8
GE 1200	84.1	84.6	86.4	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.1	88.1	88.3	88.3
GE 1000	87.9	88.4	90.6	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.6	92.6
GE 900	88.4	88.9	91.2	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	93.1	93.1	93.2	93.2
GE 800	89.6	90.1	92.6	93.2	94.4	94.4	94.5	94.5	94.5	94.5	94.7	94.9	95.0	95.0	95.2	95.2
GE 700	89.9	90.4	92.9	93.6	94.9	94.9	95.0	95.0	95.0	95.2	95.4	95.4	95.5	95.5	95.7	95.7
GE 600	90.4	90.9	93.6	94.2	95.7	95.7	95.9	95.9	95.9	96.0	96.2	96.2	96.4	96.4	96.5	96.5
GE 500	90.7	91.4	94.0	94.7	96.7	96.7	97.0	97.0	97.0	97.2	97.4	97.4	97.7	97.9	98.0	98.0
GE 400	90.7	91.4	94.0	94.7	96.7	96.7	97.0	97.4	97.4	97.5	97.7	97.7	98.0	98.2	98.3	98.3
GE 300	90.7	91.4	94.0	94.7	96.7	96.7	97.4	97.7	97.7	98.2	98.5	98.5	99.0	99.2	99.3	99.3
GE 200	90.7	91.4	94.0	94.7	96.7	96.7	97.5	97.9	97.9	98.3	98.7	98.7	99.3	99.5	99.7	99.7
GE 100	90.7	91.4	94.0	94.7	96.7	96.7	97.5	97.9	97.9	98.3	98.7	98.7	99.3	99.5	100.0	100.0
GE 000	90.7	91.4	94.0	94.7	96.7	96.7	97.5	97.9	97.9	98.3	98.7	98.7	99.3	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 605

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	40.8	41.0	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.8	42.8	43.2	43.2
GE 20000	43.5	43.7	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.8	45.8
GE 18000	43.5	43.7	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.8	45.8
GE 16000	43.5	43.7	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.8	45.8
GE 14000	43.5	43.7	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.8	45.8
GE 12000	43.5	43.7	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.8	45.8
GE 10000	45.7	45.8	46.5	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.7	47.7	48.0	48.0
GE 9000	45.7	45.8	46.5	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.7	47.7	48.0	48.0
GE 8000	46.5	46.7	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.5	48.5	48.8	48.8
GE 7000	46.5	46.7	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.5	48.5	48.8	48.8
GE 6000	47.0	47.2	47.8	48.3	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	49.0	49.0	49.3	49.3
GE 5000	48.3	48.5	49.2	49.7	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.0	50.3	50.3	50.7	50.7
GE 4500	49.8	50.0	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.8	51.8	52.2	52.2
GE 4000	51.3	51.5	52.2	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.3	53.3	53.7	53.7
GE 3500	52.0	52.2	52.8	53.3	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	54.0	54.0	54.3	54.3
GE 3000	55.8	56.3	57.0	57.5	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	58.2	58.2	58.5	58.5
GE 2500	58.5	59.0	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.8	60.8	61.2	61.2
GE 2000	64.0	64.7	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.5	66.5	66.8	66.8
GE 1800	65.5	66.3	67.0	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	68.2	68.2	68.5	68.5
GE 1500	68.7	69.7	70.7	71.2	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	72.0	72.0	72.3	72.3
GE 1200	74.3	75.3	76.7	77.2	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	78.0	78.0	78.3	78.3
GE 1000	80.0	81.0	83.3	83.8	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.7	84.7	85.0	85.0
GE 900	82.3	83.5	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.2	87.2	87.5	87.5
GE 800	82.8	84.0	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.8	88.8	88.8	89.2	89.2	89.5	89.5
GE 700	83.7	84.8	88.2	88.8	89.7	89.7	90.3	90.5	90.5	90.7	90.7	90.7	91.0	91.0	91.3	91.3
GE 600	83.7	84.8	88.5	89.2	90.2	90.2	90.8	91.2	91.2	91.3	91.3	91.3	91.7	91.7	92.0	92.0
GE 500	83.7	85.0	88.8	89.5	91.2	91.2	92.0	92.5	92.5	93.0	93.0	93.2	93.5	93.5	93.8	94.0
GE 400	84.0	85.3	89.2	89.8	91.5	91.5	92.5	93.2	93.2	93.7	93.7	93.8	94.2	94.2	94.5	94.7
GE 300	84.2	85.5	89.3	90.0	91.8	91.8	92.8	93.5	93.5	94.0	94.3	94.5	95.3	95.5	95.8	96.0
GE 200	84.2	85.5	89.3	90.0	92.0	92.0	93.0	93.7	93.7	94.2	94.7	94.8	97.0	97.3	97.7	98.5
GE 100	84.2	85.5	89.3	90.0	92.0	92.0	93.0	93.7	93.7	94.2	94.7	94.8	97.0	97.3	98.8	99.8
GE 000	84.2	85.5	89.3	90.0	92.0	92.0	93.0	93.7	93.7	94.2	94.7	94.8	97.0	97.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 600

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	35.0	35.1	37.3	37.4	37.4	37.4	37.9	37.9	37.9	37.9	37.9	37.9	38.2	38.2	38.2	38.4
GE 20000	37.7	37.9	40.0	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	41.2	41.2	41.3	41.5
GF 18000	37.7	37.9	40.0	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	41.2	41.2	41.3	41.5
GE 16000	37.7	37.9	40.0	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	41.2	41.2	41.3	41.5
GE 14000	37.7	37.9	40.0	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	41.2	41.2	41.3	41.5
GE 12000	38.1	38.2	40.4	40.7	40.7	40.7	41.2	41.2	41.2	41.2	41.2	41.2	41.5	41.5	41.7	41.8
GE 10000	38.7	38.9	41.0	41.3	41.3	41.3	41.8	41.8	41.8	41.8	41.8	41.8	42.2	42.2	42.3	42.5
GE 9000	38.9	39.1	41.3	41.7	41.7	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.5	42.5	42.6	42.8
GE 8000	39.7	39.9	42.2	42.5	42.5	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.3	43.3	43.5	43.6
GE 7000	40.2	40.4	42.6	43.0	43.0	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.8	43.8	44.0	44.1
GE 6000	40.8	41.0	43.3	43.6	43.6	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.4	44.4	44.6	44.8
GE 5000	41.8	42.0	44.3	44.6	44.6	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.4	45.4	45.6	45.8
GE 4500	42.3	42.5	44.8	45.1	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.9	45.9	46.1	46.2
GE 4000	44.1	44.3	46.6	46.9	46.9	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	48.0
GE 3500	46.2	46.6	48.9	49.2	49.2	49.2	49.7	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.2	50.3
GE 3000	49.0	49.5	51.8	52.1	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	53.3	53.3	53.4	53.6
GE 2500	51.8	52.3	54.6	54.9	55.2	55.2	55.9	55.9	55.9	55.9	55.9	55.9	56.2	56.2	56.4	56.5
GE 2000	56.2	56.7	59.2	59.5	59.8	59.8	60.5	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.9	61.1
GE 1800	57.0	57.5	60.0	60.3	60.6	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.8	61.9
GE 1500	63.1	63.7	67.0	67.3	68.3	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.4	69.6
GE 1200	69.3	69.9	73.9	74.3	75.5	75.5	76.1	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.8	77.0
GE 1000	75.3	76.0	80.9	81.5	82.7	82.7	83.3	83.3	83.3	83.5	83.5	83.5	83.8	83.8	84.0	84.2
GE 900	76.3	77.0	82.0	82.7	83.8	83.8	84.5	84.5	84.5	84.6	84.6	84.6	85.0	85.0	85.1	85.3
GE 800	77.1	77.8	83.0	83.8	85.1	85.1	85.8	85.9	85.9	86.3	86.3	86.3	86.6	86.6	86.8	86.9
GE 700	77.3	77.9	83.2	84.2	85.5	85.5	86.3	86.4	86.4	86.8	86.8	86.8	87.1	87.1	87.3	87.4
GE 600	77.3	77.9	83.5	84.6	85.9	85.9	86.8	87.1	87.1	87.4	87.4	87.4	87.7	87.7	88.1	88.2
GE 500	77.3	77.9	83.5	84.8	86.3	86.3	87.1	87.7	87.7	88.6	88.6	88.6	88.9	88.9	89.2	89.4
GE 400	77.3	77.9	83.5	84.8	86.3	86.3	87.3	87.9	87.9	88.7	88.7	88.7	89.4	89.4	89.7	89.9
GE 300	77.3	77.9	83.5	84.8	86.3	86.3	87.3	87.9	87.9	89.9	89.9	89.9	91.3	91.8	92.3	92.5
GE 200	77.3	77.9	83.5	84.8	86.3	86.3	87.3	87.9	87.9	90.0	90.4	90.4	92.6	93.3	94.6	95.9
GE 100	77.3	77.9	83.5	84.8	86.3	86.3	87.3	87.9	87.9	90.0	90.4	90.4	92.6	93.3	95.8	99.0
GE 000	77.3	77.9	83.5	84.8	86.3	86.3	87.3	87.9	87.9	90.0	90.4	90.4	92.6	93.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	38.6	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.1
GE 20000	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
GE 18000	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
GE 16000	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
GE 14000	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
GE 12000	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9
GE 10000	43.2	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9
GE 9000	43.4	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.1
GE 8000	45.0	45.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6
GE 7000	45.1	45.3	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	45.8
GE 6000	45.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3
GE 5000	46.2	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
GE 4500	46.8	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
GE 4000	49.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1
GE 3500	50.4	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3
GE 3000	53.8	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
GE 2500	57.4	57.8	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	58.5
GE 2000	66.7	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4
GE 1800	68.9	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6
GE 1500	75.2	76.2	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	77.9
GE 1200	79.0	80.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9
GE 1000	82.4	83.6	86.3	86.3	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
GE 900	83.2	84.4	87.4	87.5	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
GE 800	83.6	85.0	88.0	88.4	89.4	89.4	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 700	83.8	85.3	88.7	89.1	90.4	90.4	91.8	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.8	93.0
GE 600	83.8	85.3	88.7	89.2	90.8	90.8	92.1	92.6	92.6	93.0	93.0	93.0	93.3	93.3	93.3	93.5
GE 500	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.2	93.2	93.8	94.2	94.2	95.2	95.2	95.2	95.4
GE 400	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.3	93.3	94.2	94.5	94.5	95.7	95.7	95.7	95.9
GE 300	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.3	93.3	94.4	94.9	94.9	97.3	97.3	97.4	97.6
GE 200	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.3	93.3	94.4	95.0	95.0	98.1	98.1	98.6	99.0
GE 100	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.3	93.3	94.4	95.0	95.0	98.1	98.1	98.6	100.0
GE 000	83.8	85.3	88.7	89.2	91.1	91.1	92.6	93.3	93.3	94.4	95.0	95.0	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	52.8	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	53.0
GE 18000	52.8	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	53.0
GE 16000	52.8	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	53.0
GE 14000	52.8	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	53.0
GE 12000	52.8	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	53.0
GE 10000	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 4500	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	58.3
GE 4000	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 3500	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3000	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 2500	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	85.9	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 1800	87.0	87.3	87.3	87.3	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 1500	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	93.1	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	94.4	95.0	96.5	96.5	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 900	94.4	95.0	96.5	96.5	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 800	94.4	95.0	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	94.4	95.0	96.5	96.5	97.4	97.4	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	94.4	95.0	96.5	96.5	97.4	97.4	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 400	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 300	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.1	99.1	99.5	99.5
GE 200	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.3	99.3	100.0	100.0
GE 100	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.3	99.3	100.0	100.0
GE 000	94.4	95.0	96.7	96.7	97.6	97.6	97.7	98.1	98.1	98.8	98.8	98.8	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 576

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	56.7	56.7	56.7
GE 20000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	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	69.1
GE 9000	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	69.4	69.4	69.4
GE 8000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	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	71.4	71.4
GE 5000	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 4500	75.8	75.8	75.8	75.8	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 4000	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	78.3	78.3
GE 3500	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	80.3
GE 3000	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	82.4	82.4
GE 2500	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	88.3	88.3
GE 2000	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	93.3	93.3	93.3
GE 1800	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	94.3	94.3	94.3
GE 1500	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	96.0	96.2	96.5	96.5	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 1000	96.8	97.0	97.3	97.5	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	96.8	97.0	97.3	97.5	97.7	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.8	97.0	97.3	97.5	97.8	97.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
GE 100	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
GE 000	96.8	97.0	97.3	97.5	98.0	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 598

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	62.8	62.8	62.8
GE 20000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 9000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	76.0	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	76.1	76.1
GE 7000	76.5	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 6000	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	77.0	77.0
GE 5000	79.0	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	79.1	79.1
GE 4500	79.6	79.6	79.8	79.8	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 4000	83.0	83.0	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 3500	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	86.8	86.8	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	87.0
GE 2500	89.3	89.3	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 2000	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	93.2	93.2	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	93.7
GE 1500	95.0	95.3	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 1200	95.5	95.8	96.3	96.5	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 1000	96.2	96.5	97.2	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 900	96.2	96.5	97.2	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 800	96.2	96.5	97.3	98.2	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	96.2	96.5	97.3	98.2	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.2	96.5	97.3	98.2	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	96.3	96.7	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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 0
NO CEIL	57.1	57.3	57.6	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	62.2	62.4	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	62.2	62.4	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	62.2	62.4	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	62.2	62.4	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	62.2	62.4	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	63.8	64.0	64.3	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	63.8	64.0	64.3	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	65.5	65.6	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	66.1	66.3	66.6	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	67.8	67.9	68.2	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	69.1	69.4	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	69.7	70.0	70.4	70.4	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	72.2	72.5	72.8	72.8	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	73.5	73.8	74.1	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000	77.1	77.4	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	80.7	81.2	81.8	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	86.7	87.2	88.1	88.1	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	88.2	88.9	89.7	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	91.0	91.7	92.5	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	92.8	93.6	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	93.6	94.4	96.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	93.6	94.4	96.4	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	93.8	94.6	96.6	96.6	97.1	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	93.8	94.8	96.9	96.9	97.4	97.4	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	93.8	94.9	97.1	97.1	97.7	97.7	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	99.0	99.2	99.2	100.0	100.0	100.0	100.0
GE 100	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	99.0	99.2	99.2	100.0	100.0	100.0	100.0
GE 000	93.9	95.1	97.2	97.4	98.0	98.0	98.7	98.7	98.7	99.0	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	48.4	48.5	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.5
GE 20000	53.6	53.7	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8
GE 18000	53.6	53.7	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8
GE 16000	53.6	53.7	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8
GE 14000	53.6	53.7	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8
GE 12000	53.8	53.9	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	55.0
GE 10000	55.4	55.5	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.6	56.6
GE 9000	55.6	55.7	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.8	56.9
GE 8000	56.7	56.9	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	58.0
GE 7000	57.0	57.2	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.3	58.3
GE 6000	57.8	57.9	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.0
GE 5000	59.2	59.3	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.5
GE 4500	60.2	60.3	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4
GE 4000	62.5	62.7	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.8
GE 3500	64.1	64.3	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5
GE 3000	67.2	67.6	68.2	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8
GE 2500	71.3	71.6	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9
GE 2000	77.2	77.6	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.1
GE 1800	78.4	78.9	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.4
GE 1500	82.1	82.7	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.6
GE 1200	85.5	86.1	87.7	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.6	88.6
GE 1000	88.3	88.9	91.0	91.3	91.8	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.3
GE 900	88.9	89.6	91.7	92.0	92.5	92.5	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
GE 800	89.3	89.9	92.2	92.7	93.5	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 700	89.4	90.2	92.6	93.1	94.0	94.0	94.6	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.2	95.2
GE 600	89.5	90.3	92.8	93.3	94.3	94.3	94.9	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.7	95.7
GE 500	89.6	90.4	93.0	93.5	94.7	94.7	95.4	95.8	95.8	96.1	96.2	96.2	96.5	96.5	96.6	96.7
GE 400	89.6	90.4	93.0	93.5	94.8	94.8	95.5	95.9	95.9	96.3	96.4	96.4	96.8	96.8	96.9	97.0
GE 300	89.7	90.5	93.0	93.6	94.8	94.8	95.6	96.0	96.0	96.7	96.8	96.8	97.6	97.7	97.8	97.9
GE 200	89.7	90.5	93.0	93.6	94.8	94.8	95.6	96.1	96.1	96.7	97.0	97.0	98.2	98.4	98.8	99.1
GE 100	89.7	90.5	93.0	93.6	94.8	94.8	95.6	96.1	96.1	96.7	97.0	97.0	98.2	98.4	99.1	99.9
GE 000	89.7	90.5	93.0	93.6	94.8	94.8	95.6	96.1	96.1	96.7	97.0	97.0	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 4786

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	GE 0
NO CEIL	46.9	47.1	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.3	48.3
GE 20000	50.8	51.0	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2
GE 18000	50.8	51.0	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2
GE 16000	50.8	51.0	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2
GE 14000	50.8	51.0	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2
GE 12000	52.0	52.2	52.7	52.7	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.5	53.5
GE 10000	53.3	53.5	54.0	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.5	54.5	54.7	54.7
GE 9000	53.6	53.8	54.3	54.3	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.9	54.9	55.0	55.0
GE 8000	54.5	54.7	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.9	55.9
GE 7000	54.7	54.9	55.4	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.1	56.1
GE 6000	54.9	55.0	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.3	56.3
GE 5000	55.8	55.9	56.5	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.2	57.2
GE 4500	56.1	56.3	56.8	56.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.5	57.5
GE 4000	58.8	58.9	59.5	59.5	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	60.2	60.2
GE 3500	59.8	60.0	60.5	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.2	61.2
GE 3000	62.1	62.3	63.2	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.9	63.9
GE 2500	64.8	65.0	65.8	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.5	66.5
GE 2000	69.0	69.2	70.1	70.1	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.2	71.2
GE 1800	69.6	69.7	70.6	70.6	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.7	71.7
GE 1500	75.2	75.4	76.5	76.8	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.9	77.9
GE 1200	79.8	80.0	81.2	81.8	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	83.0	83.0
GE 1000	83.0	83.2	84.6	85.1	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.4	86.4
GE 900	83.9	84.1	86.0	86.5	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.8	87.8
GE 800	84.6	84.8	87.1	87.6	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.8	88.8
GE 700	85.3	85.5	87.8	88.5	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.4	90.4
GE 600	85.5	85.7	88.1	88.8	90.1	90.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.7	91.9	91.9
GE 500	86.4	86.5	89.0	89.7	91.0	91.2	92.6	92.6	92.6	93.1	93.1	93.1	93.3	93.3	93.5	93.5
GE 400	86.4	86.5	89.0	89.7	91.0	91.2	93.1	93.1	93.1	94.2	94.2	94.2	94.3	94.3	94.5	94.5
GE 300	86.5	86.7	89.2	89.9	91.2	91.3	93.3	93.3	93.3	95.0	95.0	95.0	95.8	95.8	96.3	96.3
GE 200	86.5	86.7	89.2	89.9	91.2	91.3	93.3	93.3	93.3	95.2	95.2	95.2	97.2	97.2	97.9	98.1
GE 100	86.5	86.7	89.2	89.9	91.2	91.3	93.5	93.5	93.5	95.4	95.4	95.4	97.3	97.3	98.1	99.3
GE 000	86.5	86.7	89.2	89.9	91.2	91.3	93.5	93.5	93.5	95.4	95.4	95.4	97.3	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	49.5	49.5	49.8	49.8	49.8	49.8	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	49.5	49.5	49.8	49.8	49.8	49.8	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	49.5	49.5	49.8	49.8	49.8	49.8	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	49.5	49.5	49.8	49.8	49.8	49.8	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4
GE 12000	50.7	50.7	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	50.9	50.9	51.3	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
GE 9000	51.1	51.1	51.4	51.4	51.4	51.4	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0
GE 8000	51.8	51.8	52.2	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	52.0	52.0	52.3	52.3	52.3	52.3	52.7	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	53.6	53.6	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5
GE 5000	55.2	55.2	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1
GE 4500	55.6	55.6	56.0	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 4000	56.5	56.7	57.0	57.0	57.0	57.0	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6
GE 3500	57.6	57.8	58.1	58.1	58.1	58.1	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7
GE 3000	59.9	60.1	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0
GE 2500	62.5	62.8	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7
GE 2000	65.5	66.1	66.6	66.6	66.6	66.6	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 1800	67.0	67.5	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 1500	72.0	72.6	73.1	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
GE 1200	76.7	77.3	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
GE 1000	80.3	80.9	83.4	83.6	84.1	84.1	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 900	82.1	82.7	85.2	85.6	86.3	86.3	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	82.7	83.2	85.7	86.6	88.1	88.1	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	82.9	83.4	86.1	87.9	89.7	89.7	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	83.2	83.8	86.6	88.4	90.6	90.6	91.5	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	83.8	84.3	87.4	89.2	91.7	91.7	93.0	93.3	93.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	83.9	84.5	87.5	89.4	91.9	91.9	93.3	93.7	93.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	84.1	84.7	87.7	89.5	92.1	92.1	93.5	93.9	93.9	95.7	95.8	95.8	96.2	96.2	96.2	96.2
GE 200	84.1	84.7	87.7	89.5	92.1	92.1	93.7	94.0	94.0	95.8	96.0	96.0	96.6	96.9	97.3	97.3
GE 100	84.1	84.7	87.7	89.5	92.1	92.1	93.7	94.0	94.0	95.8	96.0	96.0	97.1	97.5	98.2	98.6
GE 000	84.1	84.7	87.7	89.5	92.1	92.1	93.7	94.0	94.0	95.8	96.0	96.0	97.1	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 554

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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 C
NO CEIL	41.8	41.8	42.1	42.8	43.1	43.1	43.5	43.6	43.6	43.8	43.8	43.8	43.8	43.8	44.5	44.5
GE 20000	46.2	46.2	46.6	47.4	47.8	47.8	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	49.3	49.3
GE 18000	46.2	46.2	46.6	47.4	47.8	47.8	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	49.3	49.3
GE 16000	46.2	46.2	46.6	47.4	47.8	47.8	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	49.3	49.3
GE 14000	46.2	46.2	46.6	47.4	47.8	47.8	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	49.3	49.3
GE 12000	47.9	47.9	48.3	49.1	49.5	49.5	49.8	50.0	50.0	50.3	50.3	50.3	50.3	50.3	51.0	51.0
GE 10000	48.6	48.6	49.0	49.9	50.2	50.2	50.5	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.7	51.7
GE 9000	49.0	49.0	49.3	50.2	50.5	50.5	50.9	51.0	51.0	51.4	51.4	51.4	51.4	51.4	52.1	52.1
GE 8000	49.3	49.3	49.7	50.5	50.9	50.9	51.2	51.4	51.4	51.7	51.7	51.7	51.7	51.7	52.4	52.4
GE 7000	50.0	50.0	50.5	51.4	51.7	51.7	52.1	52.2	52.2	52.6	52.6	52.6	52.6	52.6	53.3	53.3
GE 6000	50.5	50.5	51.2	52.1	52.4	52.4	52.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	54.0	54.0
GE 5000	52.2	52.2	52.9	53.8	54.1	54.1	54.5	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.7	55.7
GE 4500	53.1	53.1	53.8	54.6	55.0	55.0	55.3	55.5	55.5	55.8	55.8	55.8	55.8	55.8	56.5	56.5
GE 4000	54.6	55.0	55.7	56.7	57.0	57.0	57.4	57.6	57.6	57.9	57.9	57.9	57.9	57.9	58.6	58.6
GE 3500	56.2	56.5	57.2	58.2	58.6	58.6	58.9	59.1	59.1	59.5	59.5	59.5	59.5	59.5	60.1	60.1
GE 3000	58.8	59.1	59.8	60.8	61.2	61.2	61.5	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.7	62.7
GE 2500	61.5	61.9	62.7	63.7	64.1	64.1	64.4	64.6	64.6	64.9	64.9	64.9	64.9	64.9	65.6	65.6
GE 2000	63.6	63.9	64.8	65.8	66.3	66.3	67.0	67.2	67.2	67.5	67.5	67.5	67.5	67.5	68.2	68.2
GE 1800	64.1	64.4	65.3	66.3	66.8	66.8	67.5	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.7	68.7
GE 1500	68.0	68.6	69.4	70.4	71.0	71.0	71.6	71.8	71.8	72.2	72.3	72.3	72.3	72.3	73.0	73.0
GE 1200	72.2	72.9	73.7	74.7	75.8	75.8	76.8	77.0	77.0	77.3	77.5	77.5	77.5	77.5	78.2	78.2
GE 1000	74.6	75.3	77.1	78.9	80.4	80.4	81.6	81.8	81.8	82.3	82.5	82.5	82.5	82.5	83.2	83.2
GE 900	75.3	75.9	78.0	79.9	81.6	81.6	82.8	83.2	83.2	83.7	83.8	83.8	83.8	83.8	84.5	84.5
GE 800	75.4	76.3	78.9	80.9	83.0	83.0	84.4	84.9	84.9	85.6	85.9	85.9	85.9	85.9	86.6	86.6
GE 700	75.9	77.0	79.9	82.1	84.5	84.5	86.3	87.3	87.3	88.0	88.3	88.3	88.3	88.3	89.0	89.0
GE 600	76.1	77.1	80.2	82.5	85.4	85.4	87.5	88.5	88.5	89.7	90.0	90.0	90.0	90.0	90.7	90.7
GE 500	76.3	77.3	80.4	82.6	85.6	85.6	88.1	89.2	89.2	90.4	90.7	90.7	90.9	90.9	91.6	91.6
GE 400	76.6	77.7	80.9	83.2	86.3	86.3	88.8	90.0	90.0	91.9	92.3	92.3	92.4	92.4	93.1	93.1
GE 300	76.6	77.7	80.9	83.3	86.6	86.6	89.2	90.5	90.5	92.6	93.3	93.3	94.2	94.2	95.0	95.2
GE 200	76.6	77.7	80.9	83.3	86.6	86.6	89.2	90.7	90.7	92.8	93.6	93.6	95.2	95.2	96.6	97.1
GE 100	76.6	77.7	80.9	83.3	86.6	86.6	89.2	90.7	90.7	92.8	93.8	93.8	95.7	95.7	97.3	99.0
GE 000	76.6	77.7	80.9	83.3	86.6	86.6	89.2	90.7	90.7	92.8	93.8	93.8	95.7	95.7	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 582

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	41.9	41.9	42.5	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5	43.5
GE 20000	48.1	48.1	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8
GE 18000	48.1	48.1	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8
GE 16000	48.1	48.1	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8
GE 14000	48.1	48.1	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8
GE 12000	49.1	49.1	49.8	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7
GE 10000	50.6	50.6	51.2	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4	52.4
GE 9000	50.7	50.7	51.4	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 8000	51.2	51.2	51.9	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0
GE 7000	51.2	51.2	51.9	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0
GE 6000	51.6	51.6	52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4
GE 5000	53.4	53.7	54.4	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5
GE 4500	54.4	55.0	55.7	56.2	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
GE 4000	57.1	58.1	58.9	59.4	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3
GE 3500	58.8	59.8	60.8	61.2	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1
GE 3000	61.9	62.9	63.9	64.4	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.4	65.4
GE 2500	65.2	66.2	67.2	67.7	68.0	68.0	68.3	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.8	68.8
GE 2000	69.1	70.1	71.1	71.6	71.9	71.9	72.2	72.2	72.2	72.4	72.4	72.4	72.6	72.6	72.7	72.7
GE 1800	69.5	70.4	71.4	71.9	72.2	72.2	72.6	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.1	73.1
GE 1500	72.7	73.9	75.2	75.7	76.0	76.0	76.4	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.8	76.8
GE 1200	75.0	76.2	77.8	78.5	79.5	79.5	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.5	80.5
GE 1000	77.7	79.0	81.4	82.8	84.6	84.6	85.1	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.7	85.7
GE 900	78.2	79.5	81.9	83.3	85.7	85.7	86.2	86.4	86.4	86.5	86.5	86.5	86.7	86.7	86.9	86.9
GE 800	79.1	80.5	83.4	84.7	86.2	86.2	86.5	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.1	87.1
GE 700	79.6	81.0	83.9	85.2	86.2	86.2	86.5	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.1	87.1
GE 600	79.6	81.0	84.1	85.6	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 500	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 400	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 300	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 200	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 100	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3
GE 000	79.8	81.1	84.2	85.7	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.3

TOTAL NUMBER OF OBSERVATIONS 609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	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	50.9	50.9
GE 20000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	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	60.7	60.7	60.7
GE 4500	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 4000	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	64.7	64.7	64.7
GE 3500	66.3	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000	69.6	69.6	70.1	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 2500	73.3	73.3	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
GE 2000	78.7	78.9	79.7	79.8	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 1800	79.2	79.5	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1500	83.9	84.4	85.5	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 1200	86.2	87.2	88.6	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
GE 1000	88.5	89.4	92.0	92.7	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 900	88.5	89.4	92.0	92.7	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 800	89.1	90.1	92.7	93.5	94.1	94.1	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
GE 700	89.4	90.4	93.0	93.8	94.8	94.8	95.4	96.4	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7
GE 600	89.4	90.4	93.0	93.8	94.8	94.8	95.4	96.6	96.6	96.7	96.7	96.9	97.1	97.1	97.1	97.1
GE 500	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	97.7	97.7	97.9	98.0	98.0	98.0	98.0
GE 400	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	97.9	98.4	98.5	99.0	99.0	99.2	99.2
GE 300	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	98.2	98.9	99.0	99.5	99.5	100.0	100.0
GE 200	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	98.2	98.9	99.0	99.5	99.5	100.0	100.0
GE 100	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	98.2	98.9	99.0	99.5	99.5	100.0	100.0
GE 0'0	89.4	90.4	93.2	94.0	95.1	95.1	95.9	97.1	97.1	98.2	98.9	99.0	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 615

D - 2 - 10.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	61.9	61.9	61.9	61.9	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 10000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	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	68.3
GE 4000	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 3500	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	73.0	73.0
GE 3000	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	80.8	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	81.0	81.0
GE 2000	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	87.4	87.5	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
GE 1500	91.0	91.4	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	92.0
GE 1200	93.3	93.9	94.4	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 1000	94.6	95.2	95.7	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 900	94.6	95.2	95.7	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 800	94.6	95.2	95.8	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	94.6	95.2	95.8	96.5	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	94.6	95.2	95.8	96.5	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	94.6	95.2	95.8	96.5	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	94.6	95.2	95.8	96.5	96.6	96.6	97.4	97.4	97.4	97.9	98.4	98.4	98.7	98.7	98.7	98.9
GE 300	94.6	95.2	95.8	96.5	96.6	96.6	97.4	97.4	97.4	97.9	98.6	98.6	99.4	99.4	99.4	99.7
GE 200	94.6	95.2	95.8	96.5	96.6	96.6	97.4	97.4	97.4	97.9	98.6	98.6	99.5	99.5	99.5	99.8
GE 100	94.6	95.2	95.8	96.5	96.6	96.6	97.4	97.4	97.4	97.9	98.6	98.6	99.5	99.5	99.5	100.0
GE 000	94.6	95.2	95.8	96.5	96.6	96.6	97.4	97.4	97.4	97.9	98.6	98.6	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	GE 0
NO CEIL	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	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	62.8	62.8	62.8
GE 18000	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	62.8	62.8	62.8
GE 16000	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	62.8	62.8	62.8
GE 14000	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	62.8	62.8	62.8
GE 12000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	67.1	67.1	67.1	67.1	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 7000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	82.0	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	85.8	86.0	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	87.4	87.6	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	90.4	90.6	92.1	92.3	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	92.7	93.0	94.8	94.9	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	93.0	93.4	95.3	95.6	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 800	93.2	93.5	95.5	95.8	96.5	96.5	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	93.2	93.5	95.5	95.8	96.5	96.5	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.7	97.7	98.3	98.3	98.3	98.4	98.4	98.8
GE 300	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.7	97.7	98.3	98.3	98.3	98.8	98.8	99.1
GE 200	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.7	97.7	98.3	98.3	98.3	99.0	99.0	99.3
GE 100	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.7	97.7	98.3	98.3	98.3	99.1	99.1	99.7
GE 000	93.2	93.5	95.6	96.0	96.9	96.9	96.9	97.4	97.7	97.7	98.3	98.3	98.3	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 572

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	53.4	53.4	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1
GE 20000	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2
GE 18000	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2
GE 16000	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2
GE 14000	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2
GE 12000	60.1	60.1	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8
GE 10000	61.5	61.5	61.6	61.6	61.6	61.6	61.8	61.8	61.8	62.0	62.0	62.0	62.2	62.2	62.2	62.2
GE 9000	62.0	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.7
GE 8000	63.2	63.2	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.9	63.9	63.9	63.9
GE 7000	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.9	63.9	63.9	64.1	64.1	64.1	64.1
GE 6000	63.7	63.7	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 5000	64.8	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.5	65.5	65.5	65.5
GE 4500	65.8	65.8	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 4000	68.5	68.5	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.4
GE 3500	70.2	70.4	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.3	71.3	71.3	71.3
GE 3000	74.1	74.4	75.1	75.3	75.3	75.3	75.5	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 2500	77.1	77.4	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0
GE 2000	79.2	79.5	80.6	80.7	80.7	80.7	81.1	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4
GE 1800	80.4	80.7	81.8	82.0	82.0	82.0	82.5	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 1500	84.4	84.9	86.3	86.5	86.5	86.5	87.2	87.2	87.2	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1200	87.6	88.1	89.7	89.8	89.8	89.8	90.5	90.5	90.5	90.9	90.9	90.9	91.1	91.1	91.1	91.1
GE 1000	89.3	90.2	91.9	92.1	92.1	92.1	92.8	92.8	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 900	90.7	91.6	93.5	93.7	93.7	93.7	94.6	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 800	91.6	92.5	94.9	95.1	95.3	95.3	96.1	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 700	91.8	92.6	95.4	95.6	96.0	96.0	96.8	96.8	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 600	91.8	92.6	95.4	95.8	96.1	96.1	97.0	97.0	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	91.9	92.8	95.6	96.0	96.3	96.3	97.2	97.2	97.2	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 400	92.1	93.0	95.8	96.1	96.5	96.5	97.4	97.4	97.4	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 300	92.3	93.2	96.0	96.3	96.7	96.7	97.7	97.7	97.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1
GE 200	92.3	93.2	96.0	96.3	96.7	96.7	97.7	97.7	97.7	98.8	98.8	98.8	98.9	98.9	99.3	99.6
GE 100	92.3	93.2	96.0	96.3	96.7	96.7	97.7	97.7	97.7	98.8	98.8	98.8	98.9	98.9	99.5	99.8
GE 000	92.3	93.2	96.0	96.3	96.7	96.7	97.7	97.7	97.7	98.8	98.8	98.8	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	48.4	48.4	48.6	48.8	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.2
GE 20000	54.1	54.1	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 18000	54.1	54.1	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 16000	54.1	54.1	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 14000	54.1	54.1	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 12000	55.4	55.4	55.6	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.3	56.3
GE 10000	56.6	56.7	56.9	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.6
GE 9000	56.9	57.0	57.2	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9
GE 8000	57.7	57.7	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.7
GE 7000	57.9	57.9	58.2	58.4	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.9	58.9
GE 6000	58.3	58.3	58.6	58.8	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3
GE 5000	60.0	60.0	60.3	60.5	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 4500	60.9	61.0	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	62.0	62.0
GE 4000	63.1	63.4	63.7	63.9	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5
GE 3500	64.7	64.9	65.4	65.6	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1
GE 3000	68.0	68.3	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.7	69.7
GE 2500	71.0	71.3	71.9	72.1	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.8	72.8
GE 2000	74.5	74.9	75.5	75.8	76.0	76.0	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.6	76.6
GE 1800	75.5	75.9	76.6	76.9	77.1	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.7	77.7
GE 1500	79.5	80.0	81.0	81.4	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.2
GE 1200	82.7	83.4	84.6	85.1	85.5	85.5	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.3	86.3
GE 1000	85.1	85.9	87.7	88.4	89.1	89.1	89.5	89.6	89.6	89.7	89.8	89.8	89.9	89.9	90.0	90.0
GE 900	85.8	86.5	88.5	89.3	90.1	90.1	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	91.1	91.1
GE 800	86.3	87.1	89.3	90.2	91.3	91.3	92.0	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.8	92.8
GE 700	86.6	87.4	89.7	90.7	92.1	92.1	93.0	93.4	93.4	93.7	93.7	93.8	93.9	93.9	94.0	94.0
GE 600	86.7	87.5	89.9	91.0	92.5	92.6	93.6	94.1	94.1	94.5	94.5	94.6	94.7	94.7	94.9	94.9
GE 500	87.0	87.7	90.2	91.2	92.9	93.0	94.2	94.7	94.7	95.4	95.5	95.5	95.7	95.7	95.9	95.9
GE 400	87.0	87.8	90.3	91.3	93.1	93.1	94.5	95.0	95.0	96.0	96.3	96.4	96.8	96.8	97.0	97.0
GE 300	87.1	87.9	90.4	91.4	93.2	93.2	94.6	95.2	95.2	96.4	96.8	96.9	97.6	97.6	98.0	98.1
GE 200	87.1	87.9	90.4	91.4	93.2	93.2	94.6	95.2	95.2	96.5	96.9	97.0	98.0	98.1	98.6	98.8
GE 100	87.1	87.9	90.4	91.4	93.2	93.2	94.7	95.2	95.2	96.5	97.0	97.0	98.2	98.2	98.9	99.6
GE 000	87.1	87.9	90.4	91.4	93.2	93.2	94.7	95.2	95.2	96.5	97.0	97.0	98.2	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4693

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	55.2	55.3	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	61.6	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 18000	61.7	61.8	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	61.7	61.8	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	61.8	61.9	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	62.5	62.7	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	64.4	64.5	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
GE 9000	64.7	64.8	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
GE 8000	65.7	65.8	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
GE 7000	65.9	66.0	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
GE 6000	66.4	66.5	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 5000	67.7	67.9	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 4500	68.1	68.3	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	69.8	70.0	70.4	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 3500	71.4	71.6	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	74.0	74.2	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 2500	77.1	77.4	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 2000	80.9	81.3	82.0	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1800	82.0	82.4	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 1500	85.5	86.0	87.0	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1200	88.8	89.4	90.6	90.9	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 1000	90.7	91.4	93.0	93.4	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 900	91.2	91.8	93.6	94.1	94.7	94.7	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	91.7	92.4	94.3	94.8	95.6	95.6	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.5
GE 700	92.0	92.7	94.7	95.3	96.2	96.2	96.7	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3
GE 600	92.1	92.8	95.0	95.6	96.6	96.6	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.9	97.9
GE 500	92.2	92.9	95.1	95.7	96.8	96.9	97.6	97.8	97.8	98.2	98.3	98.3	98.4	98.4	98.5	98.5
GE 400	92.2	92.9	95.1	95.8	96.9	96.9	97.7	98.0	98.0	98.4	98.5	98.5	98.8	98.8	98.8	98.8
GE 300	92.2	92.9	95.2	95.8	96.9	97.0	97.7	98.0	98.0	98.6	98.7	98.7	99.1	99.1	99.2	99.2
GE 200	92.2	92.9	95.2	95.8	97.0	97.0	97.8	98.1	98.1	98.6	98.8	98.8	99.3	99.3	99.5	99.6
GE 100	92.2	92.9	95.2	95.8	97.0	97.0	97.8	98.1	98.1	98.6	98.8	98.8	99.3	99.3	99.6	99.9
GE 000	92.2	92.9	95.2	95.8	97.0	97.0	97.8	98.1	98.1	98.6	98.8	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 60467

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	36.6	8.3	7.9	44.2	3.0	55.2	.3	629
03-05	32.8	9.5	5.8	47.4	4.5	57.7	.2	622
06-08	26.0	12.4	8.8	46.6	6.2	61.6	1.1	661
09-11	23.9	13.6	9.2	50.6	2.7	62.5	.3	698
12-14	24.9	16.0	11.7	46.7	.7	59.1	.1	711
15-17	26.7	14.1	17.6	40.5	1.1	59.2	.7	709
18-20	30.1	12.5	14.4	39.9	3.1	57.3	.3	654
21-23	34.9	14.1	7.1	41.4	2.4	51.0		630
ALL HOURS	29.3	12.7	10.4	44.7	2.9	58.1	.4	5314

MONTH: FEB HOURS: ALL

00-02	37.1	9.2	6.7	43.9	3.1	53.7	.7	579
03-05	34.4	8.8	6.5	47.5	2.8	56.8	.9	570
06-08	26.3	11.0	7.3	50.3	5.2	62.7	.5	593
09-11	24.2	14.4	9.3	49.8	2.3	61.4	.2	658
12-14	24.8	17.9	13.0	44.1	.2	57.3	.3	637
15-17	28.1	17.4	14.3	40.2		54.5		651
18-20	33.9	12.6	15.9	36.6	1.0	53.5	.2	604
21-23	38.2	11.3	11.2	35.8	3.5	50.4	.5	573
ALL HOURS	30.6	13.0	10.6	43.6	2.2	56.4	.4	4865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	38.9	7.9	6.8	44.2	2.2	53.2		633
03-05	33.8	5.8	5.9	52.3	2.3	60.5	.2	622
06-08	26.6	10.6	9.3	51.2	2.3	62.8	.9	681
09-11	26.1	13.6	11.9	47.6	.7	60.3	.1	712
12-14	25.4	20.6	19.5	34.6		54.0		709
15-17	30.0	22.7	19.4	27.9		47.3		710
18-20	36.3	18.7	18.5	26.6		45.1		670
21-23	43.9	13.8	10.8	31.5		42.3	.3	629
ALL HOURS	32.3	14.4	13.0	39.4	.9	53.2	.2	5366

MONTH: APR HOURS: ALL

00-02	37.8	11.5	11.2	38.5	1.0	50.7	.5	608
03-05	34.7	6.0	8.8	47.2	3.4	59.3	.5	617
06-08	17.8	12.5	12.4	53.4	3.9	69.7	1.8	670
09-11	19.0	13.9	16.1	50.4	.6	67.1	.1	690
12-14	23.9	17.9	19.3	38.9		58.3	.3	683
15-17	25.8	22.1	20.4	31.6		52.1	.3	705
18-20	28.6	22.8	19.4	29.1		48.5		674
21-23	41.1	17.5	9.9	31.4	.2	41.4	.3	618
ALL HOURS	28.2	15.7	14.9	40.1	1.1	56.1	.5	5265

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	25.9	19.7	13.4	40.9	.2	54.4		614
03-05	19.3	13.3	12.0	54.5	.8	67.3	.2	615
06-08	11.0	12.9	14.2	61.2	.7	76.1	1.1	699
09-11	12.3	20.0	21.5	46.2		67.8	.6	701
12-14	14.3	28.0	27.1	30.6		57.7	.4	697
15-17	16.4	34.8	25.6	23.1		48.7	.1	706
18-20	22.3	29.7	21.7	26.2	.2	48.0		664
21-23	30.0	24.4	16.3	29.4		45.6		620
ALL HOURS	18.6	23.0	19.2	38.9	.2	58.4	.3	5316

MONTH: JUN HOURS: ALL

00-02	47.2	12.8	12.3	27.7		40.0		602
03-05	30.1	12.4	16.0	41.2	.3	57.5	.3	605
06-08	14.5	19.6	26.3	39.5	.1	65.9	.4	704
09-11	13.1	33.3	29.9	23.6		53.5		678
12-14	11.0	49.6	26.2	13.2		39.4		682
15-17	11.2	56.1	22.0	10.7		32.7		685
18-20	23.5	42.7	20.5	13.3		33.8		663
21-23	46.4	22.0	13.5	18.1		31.6		608
ALL HOURS	23.9	31.7	21.2	23.2	.1	44.5	.1	5227

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	61.4	15.9	12.3	10.4	22.7		616
03-05	45.9	16.5	17.0	20.6	37.6		612
06-08	18.1	26.1	24.9	30.9	55.8	.5	618
09-11	16.0	38.5	27.7	17.8	45.5		600
12-14	10.7	52.6	23.9	12.7	.2	36.7	616
15-17	8.1	55.3	22.3	14.2	36.5		627
18-20	25.0	37.6	25.5	11.8	37.3		627
21-23	54.2	23.9	10.3	11.7	22.0		624
ALL HOURS	29.9	33.3	20.5	16.2	.0	36.7	.1 4940

MONTH: AUG HOURS: ALL

00-02	57.4	23.0	10.3	9.3	19.6		622
03-05	40.1	25.7	17.0	17.2	34.2		599
06-08	14.1	32.1	28.0	25.8	53.8		617
09-11	11.1	48.7	28.3	11.9	40.2		612
12-14	10.2	57.4	22.7	9.7	32.4		608
15-17	9.5	53.7	27.3	9.4	36.7		618
18-20	21.6	43.5	24.1	10.9	35.0		626
21-23	53.5	25.6	11.9	9.0	21.0		630
ALL HOURS	27.3	38.7	21.2	12.9	34.1		4932

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	43.0	20.0	16.7	20.1	.2	37.0		611
03-05	37.2	17.4	16.2	29.3		45.5		605
06-08	25.0	23.4	22.7	28.9		51.6	.2	612
09-11	21.8	29.7	27.5	21.0		48.5		596
12-14	17.7	38.2	28.7	15.4		44.1		592
15-17	16.3	42.4	26.9	14.5		41.4		602
18-20	29.1	32.7	23.0	15.1		38.2		608
21-23	48.7	21.6	13.6	15.9	.2	29.7		602
ALL HOURS	29.9	28.1	21.9	20.0	.0	42.0	.0	4828

MONTH: OCT HOURS: ALL

00-02	48.4	16.0	9.9	25.7		35.6		626
03-05	40.4	12.9	7.5	38.2	1.0	46.7		628
06-08	27.5	15.3	15.2	39.7	2.3	57.2	.5	619
09-11	24.0	19.9	20.4	34.5	1.1	56.0	.5	612
12-14	23.1	30.6	22.9	23.4		46.3		607
15-17	26.0	36.3	20.8	16.9		37.7		626
18-20	41.7	25.7	16.8	15.8		32.6		626
21-23	53.7	16.4	10.6	19.3		29.9	.2	622
ALL HOURS	35.7	21.6	15.5	26.7	.5	42.7	.1	4966

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.5	11.4	12.6	39.7	.8	53.1	.5	605
03-05	31.5	9.7	9.2	44.8	4.8	58.8	1.0	600
06-08	26.6	10.1	10.8	43.1	9.3	63.2	1.6	612
09-11	22.8	12.4	15.3	44.9	4.6	64.8	.3	588
12-14	24.4	17.3	20.2	37.1	1.0	58.4	.2	579
15-17	28.8	20.4	20.6	29.8	.5	50.8		598
18-20	34.7	22.4	14.7	27.7	.5	42.9		599
21-23	43.0	11.8	11.8	32.4	1.0	45.2	.2	611
ALL HOURS	31.0	14.4	14.3	37.4	2.8	54.6	.5	4792

MONTH: DEC HOURS: ALL

00-02	31.7	12.2	8.3	42.8	5.0	56.1	.5	565
03-05	32.5	8.7	10.3	44.6	4.0	58.8	1.6	554
06-08	27.0	13.1	11.0	43.1	5.8	60.0	2.2	582
09-11	21.3	15.9	10.8	48.9	3.0	62.7	1.5	609
12-14	23.6	22.0	11.9	41.5	1.1	54.5	.7	615
15-17	24.2	20.2	16.0	37.9	1.8	55.7	.2	625
18-20	26.9	19.4	16.4	35.3	1.9	53.7		572
21-23	34.8	13.8	12.4	37.2	1.7	51.4	.7	572
ALL HOURS	27.6	15.8	12.2	41.4	3.0	56.6	.9	4694

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	41.8	14.0	10.7	32.2	1.3	44.1	.2	7310
03-05	34.4	12.2	11.0	40.4	2.0	53.4	.4	7249
06-08	21.5	16.5	15.9	43.1	2.9	62.0	.9	7668
09-11	19.6	22.5	18.8	37.8	1.2	57.8	.3	7754
12-14	19.5	30.4	20.5	29.3	.3	50.1	.2	7736
15-17	21.0	32.7	21.1	24.9	.3	46.3	.1	7862
18-20	29.4	26.8	19.3	24.0	.5	43.8	.0	7587
21-23	43.6	18.1	11.6	26.0	.7	38.3	.2	7339
ALL HOURS	28.6	21.8	16.2	32.2	1.1	49.6	.3	60505

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL 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, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105				.3			.3	.5					.1
GE 100				.5	2.3	5.1	11.3	12.7	2.4				2.7
GE 95		.3	.5	1.5	11.7	32.9	60.1	75.9	19.5	1.5			16.2
GE 90	.2	1.0	2.6	10.8	34.7	73.7	90.9	93.9	65.6	11.0	.7		31.0
GE 85	.7	4.1	11.9	36.3	66.0	93.5	97.3	97.9	85.1	37.7	4.5	.5	43.6
GE 80	3.3	11.5	28.6	65.0	90.7	98.6	99.5	100.0	95.5	66.9	24.1	3.5	56.4
GE 75	11.8	27.1	53.0	82.6	97.4	100.0	100.0		97.3	88.2	42.5	14.6	67.3
GE 70	25.2	45.3	71.9	90.9	99.5				98.1	94.4	62.1	30.7	76.0
GE 65	41.9	62.9	86.5	96.0	100.0				99.5	98.3	78.0	52.0	84.3
GE 60	61.9	77.2	91.9	98.5					100.0	99.3	90.0	65.6	90.2
GE 55	76.9	84.9	96.7	99.7						100.0	95.9	79.2	94.4
GE 50	87.5	91.3	99.1	100.0							98.3	87.6	96.9
GE 45	94.1	96.2	100.0								98.8	93.6	98.5
GE 40	97.9	98.0									100.0	97.0	99.4
GE 35	99.1	98.7										98.5	99.7
GE 33	99.8	99.2										98.5	99.8
GE 30	100.0	99.7										99.3	99.9
GE 25		100.0										99.8	100.0
GE 20												100.0	100.0
MEAN	62.0	66.8	74.0	81.1	87.1	92.2	94.9	96.2	90.1	81.9	71.8	63.1	79.8
SD	10.50	11.42	9.11	7.85	6.08	4.85	4.23	3.82	6.06	6.84	9.33	11.16	14.27
TOTAL OBS	425	391	430	397	429	414	373	378	375	408	419	404	4843

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75					2.8	8.2	9.7	12.7	7.5	1.5			3.4
GE 70			.2	2.8	25.6	64.5	77.7	82.3	41.3	11.3	1.9		24.7
GE 65	.5	1.3	6.3	17.4	54.5	91.8	99.2	99.5	67.2	25.7	9.9	2.0	38.5
GE 60	2.1	7.9	17.7	41.6	81.8	98.6	100.0	100.0	86.7	47.5	21.7	5.9	50.0
GE 55	6.1	16.1	34.2	64.0	94.4	99.8			96.0	67.6	37.2	9.9	59.7
GE 50	12.0	31.6	49.8	82.4	98.8	100.0			99.5	85.5	49.6	19.7	68.4
GE 45	27.3	49.2	67.7	91.4	100.0				99.7	94.1	63.5	33.0	76.7
GE 40	48.9	69.4	81.6	97.5					100.0	98.5	80.0	49.5	85.1
GE 35	68.2	85.7	92.6	99.0						99.8	92.4	66.7	91.8
GE 33	76.2	89.8	94.9	99.7						100.0	95.5	72.2	93.9
GE 30	85.2	93.4	97.9	99.7							99.0	82.3	96.4
GE 25	94.8	96.4	99.5	100.0							100.0	93.1	98.6
GE 20	99.1	99.5	100.0									96.1	99.5
GE 15	100.0	99.7										98.5	99.9
GE 10		100.0										99.8	100.0
GE 5												100.0	100.0
MEAN	39.2	44.6	49.5	56.8	64.9	70.3	71.3	71.7	66.9	58.6	49.6	39.7	56.6
SD	9.22	9.98	10.09	8.15	6.03	3.93	2.55	2.58	6.40	8.54	10.59	11.39	14.19
TOTAL OBS	425	392	430	397	429	414	373	378	375	408	419	406	4846

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.3	.8					.1
GE 85				.3	4.9	18.8	31.6	50.5	9.3	.5			9.2
GE 80				2.3	28.0	74.9	92.5	94.7	53.3	10.5			28.6
GE 75		.5	5.1	20.7	62.7	96.6	99.2	99.2	80.0	26.5	5.7		40.3
GE 70	1.9	6.4	21.4	53.1	91.4	99.8	100.0	100.0	93.9	57.8	22.0	3.0	53.4
GE 65	5.9	18.4	40.9	77.3	97.9	100.0			97.6	81.4	37.5	11.1	63.3
GE 60	15.8	37.6	61.6	90.7	100.0				99.2	94.6	53.7	22.0	72.4
GE 55	33.9	56.0	79.5	96.5					100.0	98.8	72.8	39.4	81.0
GE 50	55.8	78.0	92.3	99.0						99.8	89.0	60.4	89.3
GE 45	78.1	89.3	97.9	100.0						100.0	97.9	77.2	94.9
GE 40	90.8	94.6	99.5								99.3	88.9	97.7
GE 35	97.2	97.7	99.8								100.0	94.8	99.1
GE 33	98.1	98.2	100.0									96.3	99.4
GE 30	99.1	98.5										97.3	99.6
GE 25	100.0	99.7										98.8	99.9
GE 20		100.0										99.5	100.0
GE 15												100.0	100.0
MEAN	50.8	55.9	61.9	69.1	76.1	81.4	83.3	84.1	78.7	70.5	60.8	51.6	68.4
SD	8.54	9.48	8.50	6.72	5.17	3.57	2.71	2.65	5.50	6.66	8.99	10.17	13.66
TOTAL OBS	425	391	430	397	429	414	373	378	375	408	419	404	4843

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									95*	91	87	87	95*
43	90	86	92	93	97	98	100	104	97	90	84	77	104
44	77	86	86	92	96	96	106	102	97	92	83	76	106
45	80	86	90	92	100	100	101	105	101	89	87	80*	105*
54												80*	80*
55	80*	76*	94*	*	100*	98*	98*	103*	97*	94*	87*	79*	103*
56	83*	87*	91*	91*	96*	103*	103*	102*	100*	96*	84*	80*	103*
57	82*	86*	90*	87*	89*	99*	103*	101*	97*	88*	80*	79*	103*
58	76*	76*	79*	94*	94*	96*							96*
83											91	80	91*
84	76	82	96	105	102	101	101	102	97	90	81	78	105
85	75	75	83	91	96	95	98	101	102	90	82	74	102
86	81	96	87	94	90	93	100	106	94	94	86	72	106
87	81	77	77	92	88	93	95	99	93	97	90	88	99
88	78	85	88	96	97	102	99	102	98	93	94	81	102
89	85	87	90	99	104	101	103	100	101	96	88	75	104
90	77	85	81	92	97	102	98	100	97	95	84	82	102
91	78	82	96	91	96	99							99*
GREATEST	90	96	96	105	104	103	106	106	102	97	94	88	106
TOTAL OBS	425	391	430	397	429	414	373	378	375	408	419	404	4843

THE GREATEST VALUE OF 106 OCCURRED ON 07/26/44

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: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									44*	50	33	28	28*
43	17	29	23	51	55	64	67	67	52	40	32	20	17
44	22	24	28	40	48	64	66	60	58	42	29	25	22
45	25	34	38	34	48	60	67	69	53	38	32	28*	25*
54												29*	29*
55	27*	24*	26*	*	60*	54*	69*	67*	66*	36*	27*	25*	24*
56	26*	23*	27*	42*	56*	68*	66*	66*	56*	45*	29*	31*	23*
57	20*	42*	35*	43*	50*	63*	67*	67*	53*	36*	35*	18*	18*
58	30*	22*	31*	45*	53*	68*							22*
83											30	10	10*
84	18	27	28	41	46	55	66	67	52	47	29	27	18
85	17	12	37	40	55	55	61	68	50	46	40	19	12
86	26	26	31	49	49	65	66	65	68	45	33	30	26
87	23	31	30	29	57	60	66	67	54	52	30	26	23
88	21	20	27	36	55	60	66	69	60	47	31	29	20
89	26	21	24	45	59	60	65	64	51	34	35	7	7
90	27	33	34	39	53	67	63	68	56	41	34	16	16
91	28	29	39	40	51	64							28*
LEAST	17	12	23	29	46	54	61	60	44	34	27	7	7
TOTAL OBS	425	392	430	397	429	414	373	378	375	408	419	406	4846

THE LEAST VALUE OF 7 OCCURRED ON 12/23/89

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: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT TX
LST TO UTC: +06

PERIOD OF RECORD: 4209-4512,5412-5806,8311-9106
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									73*	72	65	57	66*
43	52	60	62	73	77	80	83	84	75	68	57	50	68
44	50	57	60	68	73	82	84	83	77	69	60	49	68
45	52	56	67	68	75	81	84	85	81	69	64	51*	71*
54												53*	53*
55	52*	58*	65*	*	78*	81*	84*	84*	82*	71*	59*	49*	70*
56	51*	58*	63*	70*	79*	84*	85*	85*	80*	73*	60*	58*	71*
57	54*	65*	63*	68*	74*	81*	85*	85*	77*	68*	58*	55*	70*
58	50*	51*	55*	67*	74*	83*							63*
83											63	44	53*
84	48	55	65	71	78	82	84	84	77	71	59	60	69
85	44	51	63	69	76	80	81	85	79	71	64	49	68
86	52	58	62	72	74	80	83	84	82	68	58	51	69
87	50	55	57	64	74	79	81	84	78	74	60	54	68
88	47	54	61	68	75	80	83	85	80	72	64	55	69
89	56	52	61	70	81	83	85	85	78	71	60	43	69
90	55	58	61	59	78	86	81	83	79	69	62	52	69
91	49	56	64	71	77	82							66*
MEAN	50.8	55.9	61.9	69.1	76.1	81.4	83.3	84.1	78.7	70.5	60.8	51.6	68.4
TOTAL OBS	425	391	430	397	429	414	373	378	375	408	419	404	4843

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: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JAN

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.6	9.461	629	0	59	16	0	0	629
03-05	43.2	10.064	622	0	95	24	0	0	622
06-08	41.9	10.267	661	0	127	20	0	0	661
09-11	48.5	9.574	698	0	38	32	0	0	698
12-14	56.0	10.670	710	0	17	162	4	0	710
15-17	58.6	11.494	707	0	12	241	11	0	707
18-20	53.5	10.374	654	0	18	101	0	0	654
21-23	47.7	9.558	630	0	37	30	0	0	630
ALL HOURS	49.5	11.732	5311	0	403	626	15	0	5311

MONTH: FEB

00-02	49.1	10.119	579	0	31	35	0	0	579
03-05	46.9	10.567	570	0	43	28	0	0	570
06-08	45.6	10.573	593	0	66	19	0	0	593
09-11	53.2	10.417	658	0	27	83	2	0	658
12-14	60.4	11.319	636	0	14	257	19	1	636
15-17	63.7	11.808	651	0	12	329	46	2	651
18-20	58.7	10.780	604	0	15	181	9	0	604
21-23	52.4	9.380	572	0	20	49	0	0	572
ALL HOURS	54.0	12.351	4863	0	228	981	76	3	4863

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.4	9.531	633	0	7	141	0	0	633
03-05	53.0	10.245	622	0	15	105	0	0	622
06-08	52.3	10.427	681	0	19	109	0	0	681
09-11	60.7	8.409	712	0	1	267	3	0	712
12-14	68.2	9.104	709	0	0	512	47	5	709
15-17	71.8	9.555	710	0	0	584	133	6	710
18-20	67.1	9.450	670	0	0	440	43	1	670
21-23	59.8	8.849	629	0	0	221	0	0	629
ALL HOURS	61.3	11.705	5366	0	42	2379	226	12	5366

MONTH: APR

00-02	61.8	8.003	608	0	0	243	0	0	608
03-05	59.3	8.542	617	0	2	186	0	0	617
06-08	60.4	8.335	670	0	2	249	0	0	670
09-11	69.0	6.963	690	0	0	533	32	0	690
12-14	76.0	8.110	683	0	0	619	250	3	683
15-17	79.3	8.850	705	0	0	654	399	22	705
18-20	74.5	8.592	674	0	0	591	200	6	674
21-23	66.7	7.365	617	0	0	396	10	0	617
ALL HOURS	68.6	10.847	5264	0	4	3471	891	31	5264

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	70.1	5.316	614	0	0	521	4	0	614
03-05	68.0	5.685	615	0	0	461	1	0	615
06-08	68.7	5.518	699	0	0	559	0	0	699
09-11	75.5	5.293	701	0	0	676	157	0	701
12-14	81.9	6.198	697	0	0	695	459	32	697
15-17	85.0	6.888	705	0	0	703	573	105	705
18-20	81.3	6.810	663	0	0	663	396	38	663
21-23	74.6	5.684	620	0	0	591	119	0	620
ALL HOURS	75.8	8.528	5314	0	0	4869	1709	175	5314

MONTH: JUN

00-02	74.8	4.102	602	0	0	593	66	0	602
03-05	72.2	4.066	605	0	0	575	5	0	605
06-08	73.3	3.883	702	0	0	682	20	0	702
09-11	80.8	4.187	678	0	0	676	427	0	678
12-14	87.1	4.924	682	0	0	682	634	91	682
15-17	89.8	6.083	685	0	0	685	642	227	685
18-20	86.4	6.385	663	0	0	663	576	115	663
21-23	79.2	5.104	608	0	0	608	313	0	608
ALL HOURS	80.6	8.075	5225	0	0	5164	2683	433	5225

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	76.5	3.486	615	0	0	613	115	0	615
03-05	73.4	2.907	612	0	0	609	10	0	612
06-08	74.0	3.070	617	0	0	615	12	0	617
09-11	82.1	3.726	600	0	0	600	465	2	600
12-14	88.8	4.643	616	0	0	616	587	106	616
15-17	91.1	6.226	626	0	0	626	582	315	626
18-20	87.8	6.106	627	0	0	627	569	141	627
21-23	80.9	4.450	624	0	0	624	410	2	624
ALL HOURS	81.9	7.841	4937	0	0	4930	2750	566	4937

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	77.6	2.845	622	0	0	622	161	0	622
03-05	74.2	2.472	599	0	0	598	2	0	599
06-08	74.3	3.000	616	0	0	615	10	0	616
09-11	83.2	3.620	611	0	0	611	514	2	611
12-14	90.8	3.947	608	0	0	608	598	198	608
15-17	93.3	4.564	617	0	0	617	603	426	617
18-20	89.1	5.353	626	0	0	626	589	177	626
21-23	82.1	3.956	630	0	0	630	493	0	630
ALL HOURS	83.1	7.966	4929	0	0	4927	2970	803	4929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	72.7	5.682	611	0	0	548	34	0	611
03-05	70.1	5.989	605	0	0	501	2	0	605
06-08	70.3	6.076	612	0	0	505	8	0	612
09-11	79.0	5.548	596	0	0	582	292	2	596
12-14	85.6	5.754	592	0	0	588	523	38	592
15-17	87.4	6.429	602	0	0	599	531	85	602
18-20	82.1	6.924	608	0	0	595	412	25	608
21-23	75.8	6.089	602	0	0	568	169	0	602
ALL HOURS	77.8	8.728	4828	0	0	4486	1971	150	4828

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.8	7.650	626	0	0	346	0	0	626
03-05	62.5	8.391	627	0	0	272	0	0	627
06-08	62.3	8.566	619	0	0	269	0	0	619
09-11	70.6	7.049	611	0	0	506	56	0	611
12-14	77.4	7.827	607	0	0	566	262	3	607
15-17	79.6	8.204	626	0	0	589	343	11	626
18-20	74.0	7.642	626	0	0	556	150	1	626
21-23	68.2	7.168	622	0	0	438	21	0	622
ALL HOURS	69.9	10.020	4964	0	0	3542	832	15	4964

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	56.0	10.137	605	0	0	140	0	0	605
03-05	54.0	10.785	599	0	4	132	0	0	599
06-08	53.6	11.084	612	0	10	128	0	0	612
09-11	60.8	9.141	588	0	0	228	4	0	588
12-14	67.4	9.203	579	0	0	373	44	0	579
15-17	69.4	9.475	598	0	0	427	78	2	598
18-20	62.8	9.238	599	0	0	283	7	0	599
21-23	57.7	9.551	611	0	0	178	0	0	611
ALL HOURS	60.2	11.282	4791	0	14	1889	133	2	4791

MONTH: DEC

00-02	47.3	12.041	565	0	65	63	0	0	565
03-05	45.7	12.670	554	0	86	51	0	0	554
06-08	44.8	12.535	582	0	96	49	0	0	582
09-11	51.3	11.070	609	0	26	83	0	0	609
12-14	58.1	11.345	615	0	12	196	3	0	615
15-17	60.3	11.546	625	0	9	250	9	0	625
18-20	54.3	10.680	569	0	16	112	0	0	569
21-23	49.4	11.030	572	0	36	63	0	0	572
ALL HOURS	51.6	12.824	4691	0	346	867	12	0	4691

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	62.7	13.865	7309	0	162	3881	380	0	7309
03-05	60.3	13.725	7247	0	245	3542	20	0	7247
06-08	60.3	14.290	7664	0	320	3819	50	0	7664
09-11	67.7	14.251	7752	0	92	4877	1952	6	7752
12-14	74.6	14.478	7734	0	43	5874	3430	477	7734
15-17	77.3	14.733	7857	0	33	6304	3950	1201	7857
18-20	72.8	14.998	7583	0	49	5438	2951	504	7583
21-23	66.4	14.232	7337	0	93	4396	1535	2	7337
ALL HOURS	67.9	15.605	60483	0	1037	38131	14268	2190	60483

E - 5 - 1 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	42.3	9.254	209	31	48	1	0	0	209
03-05	40.8	9.944	210	40	42	1	0	0	210
06-08	40.0	10.372	211	52	37	1	0	0	211
09-11	42.0	9.147	237	32	40	1	0	0	237
12-14	48.0	9.094	238	13	107	6	0	0	238
15-17	49.9	9.196	241	10	126	5	0	0	241
18-20	48.6	8.982	240	11	113	3	0	0	240
21-23	44.7	9.215	210	20	63	3	0	0	210
ALL HOURS	44.7	10.026	1796	209	576	21	0	0	1796

MONTH: FEB

00-02	46.6	10.599	194	14	77	4	0	0	194
03-05	44.6	10.837	188	21	58	2	0	0	188
06-08	43.6	11.123	192	29	61	1	0	0	192
09-11	46.3	9.935	217	19	79	0	0	0	217
12-14	50.9	9.666	212	8	126	2	0	0	212
15-17	53.1	9.247	215	6	144	13	1	0	215
18-20	52.0	9.117	219	7	131	7	0	0	219
21-23	48.2	9.394	192	9	86	2	0	0	192
ALL HOURS	48.3	10.471	1629	113	762	31	1	0	1629

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	52.0	10.252	212	8	114	18	0	0	212
03-05	50.5	10.834	208	11	101	12	0	0	208
06-08	49.2	11.473	209	13	95	11	0	0	209
09-11	53.0	9.406	242	6	142	16	0	0	242
12-14	56.7	8.318	242	2	199	37	0	0	242
15-17	58.7	8.288	237	1	213	52	5	0	237
18-20	57.8	8.157	240	1	206	43	0	0	240
21-23	54.2	9.191	208	4	140	26	0	0	208
ALL HOURS	54.2	10.007	1798	46	1210	215	5	0	1798

MONTH: APR

00-02	57.8	8.923	205	0	164	41	1	0	205
03-05	56.4	9.682	206	1	150	40	1	0	206
06-08	55.6	9.935	204	1	147	31	1	0	204
09-11	60.6	7.713	230	0	209	58	7	0	230
12-14	63.3	7.266	228	0	219	85	12	0	228
15-17	64.7	6.903	236	0	231	111	27	0	236
18-20	63.5	7.088	235	0	226	91	18	0	235
21-23	59.9	7.919	203	0	181	49	3	0	203
ALL HOURS	60.4	8.764	1747	2	1527	506	70	0	1747

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	67.1	5.936	207	0	206	129	41	0	207
03-05	65.7	6.104	199	0	197	108	18	0	199
06-08	65.0	6.625	232	0	225	117	18	0	232
09-11	68.3	4.950	238	0	238	167	49	0	238
12-14	70.3	5.043	228	0	228	184	89	2	228
15-17	71.1	4.690	237	0	237	198	102	2	237
18-20	70.1	4.707	232	0	232	186	87	2	232
21-23	68.5	5.594	207	0	206	142	56	0	207
ALL HOURS	68.3	5.847	1780	0	1769	1231	458	6	1780

MONTH: JUN

00-02	70.8	3.593	202	0	202	178	71	0	202
03-05	69.7	3.905	199	0	199	162	46	0	199
06-08	69.3	4.140	233	0	233	186	52	0	233
09-11	72.7	2.823	228	0	228	214	152	0	228
12-14	74.2	2.736	231	0	231	224	183	0	231
15-17	74.5	2.486	227	0	227	225	176	1	227
18-20	73.5	2.828	232	0	232	225	163	0	232
21-23	71.8	3.089	202	0	202	188	93	0	202
ALL HOURS	72.1	3.781	1754	0	1754	1602	936	1	1754

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
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	71.6	2.425	204	0	204	197	77	0	204
03-05	70.7	2.793	209	0	209	192	57	0	209
06-08	69.6	3.062	207	0	207	180	37	0	207
09-11	73.4	1.517	197	0	197	197	151	0	197
12-14	74.6	1.895	207	0	207	206	182	0	207
15-17	74.5	1.859	208	0	208	207	186	2	208
18-20	73.5	2.252	211	0	211	209	161	1	211
21-23	72.0	2.495	202	0	202	193	90	0	202
ALL HOURS	72.5	2.907	1645	0	1645	1581	941	3	1645

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	72.2	2.159	211	0	211	204	111	0	211
03-05	71.2	2.440	204	0	204	191	73	0	204
06-08	70.3	2.641	209	0	209	192	49	0	209
09-11	73.7	1.765	203	0	203	203	161	0	203
12-14	74.7	1.728	202	0	202	202	176	1	202
15-17	74.6	1.856	201	0	201	201	171	2	201
18-20	73.4	1.778	206	0	206	206	149	0	206
21-23	72.5	2.336	208	0	208	203	113	1	208
ALL HOURS	72.8	2.637	1644	0	1644	1602	1003	4	1644

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.3	6.420	206	0	203	148	58	0	206
03-05	67.1	7.012	199	0	195	129	41	0	199
06-08	66.5	7.224	205	0	199	125	43	0	205
09-11	70.1	5.885	198	0	196	153	99	0	198
12-14	72.1	5.291	197	0	197	167	124	1	197
15-17	72.3	4.959	197	0	197	167	121	4	197
18-20	70.7	5.000	202	0	202	164	90	2	202
21-23	68.8	5.959	201	0	201	146	67	0	201
ALL HOURS	69.5	6.368	1605	0	1590	1199	643	7	1605

MONTH: OCT

00-02	61.0	8.032	211	0	190	55	16	0	211
03-05	59.7	8.840	210	1	181	53	18	0	210
06-08	58.8	9.367	212	2	177	51	13	0	212
09-11	62.6	7.441	199	0	192	62	23	0	199
12-14	65.6	6.864	206	0	200	97	34	1	206
15-17	66.4	6.475	207	0	204	107	35	0	207
18-20	64.8	6.218	212	0	209	94	25	0	212
21-23	62.6	7.158	203	0	195	64	18	0	203
ALL HOURS	62.7	8.057	1660	3	1548	583	182	1	1660

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	53.3	10.424	206	2	130	22	1	0	206
03-05	51.8	11.124	199	4	114	25	0	0	199
06-08	51.1	11.714	205	12	114	27	0	0	205
09-11	54.3	10.112	192	1	124	28	2	0	192
12-14	58.2	9.170	194	1	154	41	3	0	194
15-17	59.4	8.898	199	0	166	52	6	0	199
18-20	57.5	9.067	198	1	151	36	2	0	198
21-23	54.2	9.731	200	1	128	22	0	0	200
ALL HOURS	54.9	10.439	1593	22	1081	253	14	0	1593

MONTH: DEC

00-02	44.9	12.211	191	31	63	6	0	0	191
03-05	43.7	12.896	179	37	57	6	0	0	179
06-08	42.5	12.987	189	39	53	3	0	0	189
09-11	45.3	11.698	209	26	68	6	0	0	209
12-14	49.9	10.560	202	11	100	8	0	0	202
15-17	51.5	10.407	206	7	123	16	0	0	206
18-20	50.1	10.217	189	7	95	7	0	0	189
21-23	46.6	11.096	189	15	70	8	0	0	189
ALL HOURS	46.9	11.923	1554	173	629	60	0	0	1554

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.1	13.342	2458	86	1812	1003	376	0	2458
03-05	57.8	13.785	2410	115	1707	921	254	0	2410
06-08	57.2	14.052	2508	148	1757	925	213	0	2508
09-11	59.9	13.638	2590	84	1916	1105	644	0	2590
12-14	63.1	12.115	2587	35	2170	1259	803	5	2587
15-17	64.1	11.412	2611	24	2277	1354	830	11	2611
18-20	63.0	11.404	2616	27	2214	1271	693	5	2616
21-23	60.4	12.527	2425	49	1882	1046	440	1	2425
ALL HOURS	60.6	13.026	20205	568	15735	8884	4253	22	20205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	38.2	11.246	209	30	111	195	3	209
03-05	37.4	11.713	210	37	110	195	4	210
06-08	36.9	12.051	211	47	104	193	4	211
09-11	38.3	11.336	237	36	129	221	7	237
12-14	41.1	12.166	238	34	157	214	7	238
15-17	41.1	12.075	241	36	154	211	2	241
18-20	40.8	11.436	240	32	152	220	3	240
21-23	39.5	11.648	210	32	120	192	3	210
ALL HOURS	39.2	11.823	1796	284	1037	1641	33	1796

MONTH: FEB

00-02	42.5	13.104	194	24	130	159	7	212
03-05	41.1	13.018	188	26	116	156	5	212
06-08	40.7	13.000	192	34	113	162	3	212
09-11	42.1	12.525	217	27	141	181	3	212
12-14	43.4	13.080	212	25	142	164	4	212
15-17	43.2	13.047	215	25	137	164	9	212
18-20	41.8	13.398	219	35	142	179	6	212
21-23	42.1	12.920	192	28	132	160	3	212
ALL HOURS	42.1	13.041	1629	224	1053	1325	40	1629

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	47.3	13.619	212	18	169	139	24	212
03-05	47.0	13.439	208	17	160	135	19	208
06-08	46.2	13.703	209	19	159	139	20	209
09-11	48.3	12.972	242	15	198	152	27	242
12-14	48.2	13.201	242	14	191	154	31	242
15-17	48.1	13.387	237	16	185	153	28	237
18-20	46.7	13.212	240	21	186	164	19	240
21-23	46.9	13.656	208	19	165	137	22	208
ALL HOURS	47.4	13.399	1798	139	1413	1173	190	1798

MONTH: APR

00-02	53.4	12.290	205	7	184	98	45	228
03-05	53.2	12.478	206	6	182	105	43	228
06-08	53.0	12.169	204	5	179	101	42	228
09-11	55.9	12.040	230	3	208	90	67	228
12-14	55.5	12.319	228	4	202	93	66	228
15-17	54.6	12.672	236	7	209	98	55	228
18-20	53.0	13.402	235	11	202	116	53	228
21-23	52.9	12.951	203	7	177	99	40	228
ALL HOURS	54.0	12.606	1747	50	1543	800	411	1747

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	64.6	7.942	207	1	206	23	127	207
03-05	64.1	7.338	199	0	197	20	117	199
06-08	63.8	7.632	232	0	231	29	136	232
09-11	65.5	7.048	238	0	237	20	166	238
12-14	65.1	7.842	228	0	226	28	151	228
15-17	63.9	7.825	237	0	235	34	130	237
18-20	62.5	8.569	232	1	227	38	115	232
21-23	64.0	8.161	207	1	205	28	119	207
ALL HOURS	64.2	7.878	1780	3	1764	220	1061	1780

MONTH: JUN

00-02	68.4	4.372	202	0	202	4	171	231
03-05	68.2	4.444	199	0	199	5	165	231
06-08	68.2	4.532	233	0	233	7	194	231
09-11	70.2	3.836	228	0	228	1	207	231
12-14	69.2	4.083	231	0	231	2	204	231
15-17	67.6	4.421	227	0	227	2	178	231
18-20	66.3	5.244	232	0	232	9	156	231
21-23	67.3	4.463	202	0	202	2	150	231
ALL HOURS	68.2	4.638	1754	0	1754	32	1425	1754

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	68.6	3.660	204	0	204	3	185	204
03-05	68.9	3.514	209	0	209	3	187	209
06-08	68.4	3.597	207	0	207	3	184	207
09-11	70.8	2.449	197	0	197	0	193	197
12-14	71.1	3.442	207	0	207	1	187	207
15-17	67.0	3.973	208	0	208	3	161	208
18-20	65.7	4.418	211	0	211	6	133	211
21-23	66.7	4.351	202	0	202	6	150	202
ALL HOURS	68.1	4.079	1645	0	1645	25	1380	1645

MONTH: AUG

00-02	69.0	3.114	211	0	211	1	190	202
03-05	69.4	3.010	204	0	204	0	190	202
06-08	69.1	3.029	209	0	209	0	195	202
09-11	71.0	2.204	203	0	203	0	203	202
12-14	68.5	2.922	202	0	202	0	185	202
15-17	66.0	3.353	201	0	201	0	144	202
18-20	64.7	3.603	206	0	206	1	126	202
21-23	67.0	3.783	208	0	208	1	163	202
ALL HOURS	68.1	3.750	1644	0	1644	3	1396	1644

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	65.1	8.627	206	0	204	34	140	206
03-05	64.8	8.810	199	0	196	33	132	199
06-08	64.9	8.745	205	0	202	31	138	205
09-11	66.9	8.195	198	0	198	23	146	198
12-14	66.0	8.174	197	0	197	26	136	197
15-17	64.4	8.305	197	0	196	30	124	197
18-20	63.0	8.455	202	0	200	37	115	202
21-23	64.0	8.478	201	0	200	35	126	201
ALL HOURS	64.9	8.557	1605	0	1593	249	1057	1605

MONTH: OCT

00-02	57.5	10.283	211	3	206	88	62	206
03-05	57.2	10.718	210	3	205	91	65	206
06-08	56.7	10.934	212	3	206	95	57	206
09-11	59.0	9.979	199	1	197	70	67	206
12-14	59.1	10.234	206	1	202	73	73	206
15-17	58.1	10.340	207	1	199	79	61	206
18-20	56.9	9.974	212	1	204	85	53	206
21-23	57.8	9.717	203	0	199	78	54	206
ALL HOURS	57.8	10.322	1660	13	1618	659	492	1660

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	50.2	12.458	206	8	169	122	29	206
03-05	49.2	12.847	199	6	159	130	30	199
06-08	48.8	13.596	205	9	157	132	35	205
09-11	50.9	12.837	192	7	161	108	35	192
12-14	51.8	13.257	194	9	162	97	35	194
15-17	51.1	13.645	199	10	161	106	32	199
18-20	50.6	13.005	198	11	167	116	28	198
21-23	49.8	12.590	200	12	169	121	26	200
ALL HOURS	50.3	13.055	1593	72	1305	932	250	1593

MONTH: DEC

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	41.1	14.994	191	33	120	151	14	202
03-05	40.4	15.513	179	36	112	146	11	202
06-08	39.2	15.565	189	39	109	156	7	202
09-11	41.5	14.320	209	33	139	169	10	202
12-14	43.0	14.346	202	30	142	162	10	202
15-17	42.5	14.652	206	29	144	164	9	202
18-20	42.6	14.214	189	28	129	147	7	202
21-23	41.6	14.624	189	33	128	153	9	202
ALL HOURS	41.5	14.802	1554	251	1023	1248	77	1554

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 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	55.6	15.150	2458	124	2116	1017	997	2458
03-05	55.2	15.505	2410	131	2049	1019	968	2410
06-08	55.1	15.716	2508	156	2109	1048	1015	2508
09-11	56.4	15.530	2590	122	2236	1035	1131	2590
12-14	56.5	14.801	2587	117	2261	1014	1089	2587
15-17	55.5	14.446	2611	124	2256	1044	933	2611
18-20	54.5	14.226	2616	140	2258	1118	814	2616
21-23	55.1	14.697	2425	132	2107	1012	865	2425
ALL HOURS	55.5	15.022	20205	1046	17392	8307	7812	20205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN

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	99.5	96.7	91.9	85.6	72.2	55.0	25.4	77.1		209
03-05	100.0	100.0	99.0	98.1	96.2	87.6	80.5	58.6	30.0	80.0		210
06-08	100.0	100.0	99.5	99.1	96.7	91.0	83.4	60.7	33.2	81.5		211
09-11	100.0	100.0	99.6	98.7	93.2	85.2	71.7	55.7	34.2	78.6		237
12-14	100.0	99.6	94.5	82.8	71.4	58.0	43.3	31.9	18.1	64.4		238
15-17	100.0	97.9	87.6	73.0	58.1	41.5	31.1	20.3	10.8	56.6		241
18-20	100.0	98.3	92.5	80.8	62.9	50.4	34.6	22.1	9.2	59.8		240
21-23	100.0	100.0	98.6	92.9	86.7	75.2	58.6	38.1	13.8	71.1		210
ALL HOURS	100.0	99.4	96.2	89.8	81.4	70.9	58.5	42.1	21.5	70.7		1796

MONTH: FEB

00-02	100.0	100.0	100.0	95.9	90.2	82.5	70.6	50.0	28.4	76.4		194
03-05	100.0	100.0	99.5	98.9	95.7	86.7	75.5	60.6	30.9	79.5		188
06-08	100.0	100.0	99.5	99.0	97.4	92.2	80.7	64.6	39.1	82.1		192
09-11	100.0	100.0	98.6	95.9	88.9	81.1	65.9	52.5	32.3	76.2		217
12-14	100.0	98.1	91.5	75.0	66.0	53.3	42.9	32.5	15.1	61.8		212
15-17	100.0	96.7	78.1	63.3	49.3	40.5	29.8	17.2	8.8	52.8		215
18-20	100.0	94.5	74.9	64.8	51.1	36.1	31.1	20.5	11.0	52.8		219
21-23	100.0	100.0	94.8	87.0	77.6	64.6	50.0	34.4	17.7	67.3		192
ALL HOURS	100.0	98.6	91.7	84.3	76.2	66.2	55.0	40.9	22.5	68.2		1629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.1	98.1	95.3	87.3	76.9	62.3	48.6	23.1	73.4	212
03-05	100.0	100.0	99.5	97.1	94.2	85.1	74.5	58.7	34.6	78.7	208
06-08	100.0	100.0	99.5	99.0	95.2	87.6	78.0	63.6	41.1	81.4	209
09-11	100.0	99.6	98.3	93.8	83.9	69.8	59.1	49.2	31.8	73.2	242
12-14	99.6	96.7	87.2	72.3	60.3	46.7	34.3	20.7	10.7	56.9	242
15-17	99.6	92.8	75.5	59.9	43.9	31.6	19.8	8.9	2.1	48.2	237
18-20	100.0	94.6	74.2	55.4	42.1	28.8	16.7	7.9	2.1	46.8	240
21-23	100.0	99.0	91.3	84.1	69.7	53.4	40.4	25.5	10.6	61.6	208
ALL HOURS	99.9	97.6	90.0	81.4	71.1	59.0	47.1	34.5	19.0	64.5	1798

MONTH: APR

00-02	100.0	100.0	97.1	93.7	84.9	78.0	64.4	46.8	25.4	73.4	205
03-05	99.5	99.5	98.5	97.1	93.2	85.9	77.7	65.5	43.2	80.3	206
06-08	100.0	100.0	99.5	98.5	94.6	87.7	83.3	73.5	50.0	83.3	204
09-11	100.0	99.6	95.7	88.7	81.3	70.4	64.8	51.3	30.9	72.7	230
12-14	100.0	94.7	85.1	75.4	63.2	48.2	33.8	19.7	8.8	57.5	228
15-17	99.6	88.6	78.0	63.6	47.5	30.5	17.4	6.4	3.4	48.1	236
18-20	97.9	87.2	75.7	60.9	46.0	33.6	19.1	8.5	3.4	48.0	235
21-23	100.0	96.6	89.7	81.3	69.0	54.2	41.4	25.6	13.8	61.7	203
ALL HOURS	99.6	95.5	89.5	81.7	71.6	60.0	49.1	36.1	21.6	65.0	1747

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY

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	99.5	97.6	96.6	92.8	87.0	63.3	23.2	80.5		207
03-05	100.0	100.0	100.0	99.5	98.5	98.5	95.0	86.4	50.3	87.0		199
06-08	100.0	100.0	100.0	99.6	98.7	97.8	95.7	90.5	64.7	89.2		232
09-11	100.0	99.6	98.7	97.5	95.4	90.8	81.5	50.4	20.2	78.4		238
12-14	100.0	99.6	96.9	92.5	79.4	58.3	31.6	14.0	5.7	62.5		228
15-17	100.0	98.3	92.0	79.7	56.5	30.0	13.5	7.2	3.4	52.8		237
18-20	99.6	97.4	90.5	74.1	56.0	31.9	12.9	5.6	2.2	51.8		232
21-23	100.0	100.0	98.1	93.7	87.9	72.0	48.8	18.8	5.8	67.6		207
ALL HOURS	99.9	99.3	96.9	91.5	83.1	70.7	57.3	41.2	21.6	70.8		1780

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	93.1	75.7	44.1	20.3	78.3	202
03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.0	78.4	37.7	85.8	199
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.3	63.5	90.0	233
09-11	100.0	100.0	100.0	100.0	98.7	94.3	78.5	38.2	12.7	77.0	228
12-14	100.0	100.0	99.6	98.3	79.7	45.0	21.2	5.6	2.6	59.7	231
15-17	100.0	100.0	99.1	77.1	44.9	21.1	8.8	4.8	3.1	50.0	227
18-20	100.0	100.0	95.3	68.1	44.4	26.3	9.9	5.2	3.0	49.7	232
21-23	100.0	100.0	100.0	98.0	83.7	58.9	35.1	16.8	8.9	64.7	202
ALL HOURS	100.0	100.0	99.2	92.4	80.8	66.5	52.4	35.6	18.9	69.1	1754

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: JUL

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	99.5	98.0	91.7	60.8	30.4	10.3	74.3	204
03-05	100.0	100.0	100.0	100.0	99.5	97.6	93.8	71.8	29.2	84.0	209
06-08	100.0	100.0	100.0	100.0	100.0	98.6	96.6	92.8	55.6	88.6	207
09-11	100.0	100.0	100.0	99.5	99.0	97.0	75.1	25.4	4.6	75.3	197
12-14	100.0	100.0	99.5	97.1	74.4	34.3	12.1	3.4	2.4	56.4	207
15-17	100.0	100.0	96.2	69.7	31.3	13.9	10.1	5.8	4.3	47.6	208
18-20	100.0	100.0	93.8	64.5	37.4	14.2	8.1	5.2	4.7	47.1	211
21-23	100.0	100.0	98.0	96.5	78.2	51.0	20.8	9.9	3.0	60.4	202
ALL HOURS	100.0	100.0	98.4	90.7	77.0	61.9	47.0	30.6	14.3	66.6	1645

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.5	91.9	58.3	18.0	4.3	72.3	211
03-05	100.0	100.0	100.0	100.0	100.0	100.0	93.6	72.1	16.2	82.9	204
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.3	56.0	88.8	209
09-11	100.0	100.0	100.0	100.0	100.0	96.1	74.9	18.2	2.0	74.2	203
12-14	100.0	100.0	100.0	95.5	65.3	10.9	2.5	1.0		51.8	202
15-17	100.0	100.0	97.0	58.2	9.5	5.0	1.5	.5	.5	41.5	201
18-20	100.0	100.0	95.1	52.4	18.0	7.8	3.9	1.9	1.5	42.1	206
21-23	100.0	100.0	100.0	96.6	77.4	38.0	13.5	6.7	1.9	58.0	208
ALL HOURS	100.0	100.0	99.0	88.0	71.5	56.5	43.7	26.5	10.4	64.1	1644

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.5	98.5	95.1	85.4	73.3	45.6	16.0	75.8	206
03-05	100.0	100.0	100.0	99.5	97.5	93.0	87.9	71.4	32.7	82.5	199
06-08	100.0	100.0	100.0	100.0	98.5	95.1	93.2	83.4	54.1	86.8	205
09-11	100.0	100.0	100.0	97.5	92.9	83.8	70.2	40.9	8.1	74.1	198
12-14	100.0	100.0	96.4	83.8	70.1	41.6	18.8	6.1	1.5	56.7	197
15-17	100.0	98.5	88.8	72.1	42.6	20.3	9.1	3.0	1.5	48.4	197
18-20	100.0	99.0	89.6	72.3	45.5	25.2	15.3	7.9	2.0	50.5	202
21-23	100.0	100.0	99.5	94.0	82.6	68.7	40.8	19.9	9.5	65.7	201
ALL HOURS	100.0	99.7	96.8	89.8	78.3	64.4	51.3	35.0	15.8	67.7	1605

MONTH: OCT

00-02	100.0	100.0	100.0	98.1	92.4	84.4	68.2	48.8	26.5	76.3	211
03-05	100.0	100.0	100.0	98.1	97.1	93.3	80.5	68.6	41.4	82.1	210
06-08	100.0	100.0	100.0	99.1	96.7	93.9	88.7	75.9	49.5	85.1	212
09-11	100.0	100.0	100.0	97.0	90.5	79.4	65.3	48.7	29.6	75.5	199
12-14	100.0	99.0	94.2	83.5	67.5	47.6	32.5	18.9	8.7	59.8	206
15-17	100.0	97.1	87.0	72.9	44.9	29.5	18.4	9.7	6.8	51.2	207
18-20	100.0	97.2	88.2	76.4	50.9	34.9	19.8	10.8	7.1	53.5	212
21-23	100.0	100.0	99.0	94.1	85.2	70.9	46.3	26.1	13.8	67.9	203
ALL HOURS	100.0	99.2	96.0	89.9	78.1	66.7	52.5	38.6	23.0	68.9	1660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6 MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.1	92.7	88.8	80.1	63.6	33.5	80.2	206
03-05	100.0	100.0	99.5	99.5	95.5	91.0	86.9	73.9	44.2	83.6	199
06-08	100.0	99.5	99.5	98.0	96.6	94.1	85.9	75.6	51.2	85.1	205
09-11	100.0	99.5	99.5	96.9	92.2	85.9	74.0	57.8	37.5	79.4	192
12-14	100.0	99.0	93.3	84.5	73.2	61.9	44.8	27.3	15.5	64.2	194
15-17	100.0	97.0	84.4	74.9	59.3	43.2	30.7	15.6	6.0	55.8	199
18-20	100.0	98.5	93.4	82.8	71.7	55.1	39.9	21.7	7.1	61.5	198
21-23	100.0	100.0	99.5	94.0	87.5	79.5	65.5	46.0	18.5	73.5	200
ALL HOURS	100.0	99.2	96.2	91.1	83.7	75.1	63.7	47.9	26.8	73.0	1593

MONTH: DEC

00-02	100.0	100.0	98.4	96.3	93.7	85.3	75.4	58.6	30.4	78.6	191
03-05	100.0	100.0	99.4	96.1	93.9	87.2	79.9	65.4	37.4	80.7	179
06-08	100.0	100.0	98.4	97.4	94.7	87.8	78.8	64.0	42.3	81.2	189
09-11	100.0	100.0	99.0	97.6	92.8	84.7	71.3	56.5	33.0	78.2	209
12-14	100.0	98.5	92.1	82.2	72.8	58.4	45.0	31.7	18.3	64.6	202
15-17	100.0	96.1	85.4	74.8	59.7	42.2	30.1	19.9	10.7	56.1	206
18-20	100.0	98.4	92.1	82.0	67.7	53.4	38.6	23.3	13.2	61.6	189
21-23	100.0	99.5	97.9	93.1	85.7	73.5	63.5	45.0	19.0	72.6	189
ALL HOURS	100.0	99.0	95.2	89.8	82.4	71.2	59.9	45.2	25.4	71.5	1554

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: ALL

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	99.9	99.3	97.5	93.5	86.4	70.6	47.6	22.1	76.4	2458
03-05	100.0	100.0	99.6	98.7	96.8	92.2	85.2	69.3	35.6	82.3	2410
06-08	100.0	100.0	99.7	99.2	97.5	94.0	89.0	78.1	50.4	85.4	2508
09-11	100.0	99.8	99.1	96.8	92.2	84.6	71.0	45.7	23.4	76.1	2590
12-14	100.0	98.7	94.1	85.1	70.2	47.2	30.4	17.9	9.0	59.7	2587
15-17	99.9	96.8	87.3	69.9	46.0	29.3	18.5	10.0	5.1	50.8	2611
18-20	99.8	97.0	87.7	69.3	49.4	33.0	20.6	11.6	5.4	52.0	2616
21-23	100.0	99.6	97.2	88.1	80.9	63.2	43.5	25.9	11.3	66.0	2425
ALL HOURS	100.0	98.9	97.4	88.3	77.9	65.7	53.1	37.8	20.1	68.3	20205

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1019.7	1019.4	1014.9	1012.9	1011.1	1013.2	1015.7	1015.7	1016.2	1017.4	1018.2	1021.1	1016.3
	SD	5.375	6.661	6.897	5.772	3.685	2.252	1.719	1.602	2.653	4.933	6.526	8.195	6.144
	TOT OBS	55	55	62	58	61	60	30	32	58	62	59	61	653
0300	MEAN	1018.9	1018.6	1011.3	1011.9	1010.6	1012.7	1015.3	1015.6	1016.0	1017.3	1017.8	1021.0	1015.8
	SD	5.512	6.461	6.941	5.832	3.720	2.164	1.502	1.629	2.568	4.919	6.744	8.363	6.180
	TOT OBS	53	52	62	58	61		31	32	59	62	59	57	645
0600	MEAN	1019.1	1019.4	1014.7	1012.5	1011.1	1013.4	1015.7	1016.0	1016.4	1017.8	1018.2	1020.9	1016.2
	SD	5.585	6.385	7.359	5.783	3.627	2.078	1.491	1.629	2.604	4.979	6.800	8.242	6.180
	TOT OBS	53	53	59	60	60	60	31	32	60	60	58	61	647
0900	MEAN	1020.9	1020.9	1016.4	1014.0	1012.3	1014.4	1016.9	1017.1	1017.6	1019.1	1019.6	1021.9	1017.5
	SD	5.598	6.565	7.120	6.003	3.882	2.135	1.389	1.588	2.793	4.960	6.792	7.633	6.152
	TOT OBS	52	53	62	58	61	59	29	33	60	56	55	60	638
1200	MEAN	1020.8	1020.8	1016.1	1013.4	1011.6	1013.5	1016.2	1016.5	1016.9	1018.7	1019.3	1022.1	1017.2
	SD	5.695	6.818	7.192	5.771	3.823	2.152	1.505	1.762	2.739	4.910	6.935	8.186	6.360
	TOT OBS	53	49	60	58	60	56	30	35	59	60	57	60	637
1500	MEAN	1017.4	1018.1	1013.4	1011.3	1009.6	1011.5	1014.3	1014.2	1014.3	1015.8	1016.6	1019.2	1014.6
	SD	5.594	6.837	7.259	5.632	3.842	2.177	1.679	1.832	2.663	4.689	6.655	8.236	6.111
	TOT OBS	52	52	60	60	60	58	31	38	60	61	59	59	650
1800	MEAN	1017.7	1017.8	1012.4	1010.2	1008.4	1010.3	1013.0	1013.2	1013.8	1015.5	1016.9	1019.3	1014.1
	SD	5.854	6.678	6.826	5.604	3.833	2.310	1.567	1.850	2.698	4.886	6.630	8.006	6.353
	TOT OBS	54	52	58	59	61	59	30	32	59	60	57	60	641
2100	MEAN	1019.2	1019.0	1014.2	1011.8	1010.0	1011.9	1014.2	1014.6	1015.5	1017.1	1018.2	1020.7	1015.6
	SD	5.714	6.638	7.007	5.506	3.845	2.325	1.651	1.720	2.576	4.915	6.610	8.049	6.309
	TOT OBS	53	55	59	59	62	59	29	33	60	61	58	61	649
ALL HOURS	MEAN	1019.2	1019.3	1014.6	1012.2	1010.6	1012.6	1015.2	1015.4	1015.8	1017.3	1018.1	1020.8	1015.9
	SD	5.741	6.713	7.180	5.847	3.951	2.515	1.946	2.091	2.917	5.033	6.782	8.175	6.320
	TOT OBS	425	421	482	470	486	470	241	267	475	482	462	479	5160

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.16	30.13	30.02	29.98	29.94	29.97	30.03	30.01	30.02	30.07	30.08	30.14	30.04
	SD	.174	.207	.198	.163	.126	.082	.068	.069	.090	.132	.180	.201	.162
	TOT OBS	179	165	181	173	206	202	205	210	205	212	205	190	2333
0300	MEAN	30.14	30.12	30.01	29.96	29.92	29.96	30.02	30.00	30.01	30.07	30.07	30.13	30.03
	SD	.178	.205	.199	.164	.122	.082	.068	.068	.091	.132	.183	.199	.161
	TOT OBS	181	159	178	173	205	200	208	203	200	211	199	180	2297
0600	MEAN	30.14	30.12	30.02	29.97	29.94	29.98	30.04	30.01	30.02	30.08	30.07	30.13	30.04
	SD	.176	.201	.202	.166	.124	.082	.066	.066	.092	.132	.184	.206	.160
	TOT OBS	180	163	179	173	230	235	209	210	205	211	206	190	2391
0900	MEAN	30.20	30.15	30.07	30.01	29.98	30.01	30.07	30.05	30.06	30.12	30.12	30.18	30.08
	SD	.179	.207	.205	.157	.128	.083	.063	.066	.095	.136	.184	.196	.164
	TOT OBS	205	188	209	198	236	229	198	203	197	201	193	206	2463
1200	MEAN	30.20	30.16	30.06	30.00	29.95	29.99	30.05	30.03	30.04	30.10	30.11	30.18	30.07
	SD	.180	.211	.205	.159	.126	.085	.067	.069	.095	.137	.189	.200	.169
	TOT OBS	208	183	209	197	227	229	206	202	196	207	195	201	2460
1500	MEAN	30.11	30.07	29.98	29.93	29.90	29.93	29.99	29.96	29.96	30.02	30.03	30.10	30.00
	SD	.179	.206	.201	.157	.123	.084	.067	.070	.094	.133	.181	.195	.163
	TOT OBS	210	187	207	206	236	229	207	202	197	207	198	206	2492
1800	MEAN	30.11	30.06	29.96	29.91	29.86	29.89	29.95	29.92	29.95	30.01	30.03	30.09	29.97
	SD	.182	.209	.198	.158	.122	.088	.073	.074	.095	.132	.181	.195	.168
	TOT OBS	208	191	209	205	235	232	210	207	202	212	198	189	2498
2100	MEAN	30.14	30.11	29.99	29.95	29.91	29.94	29.99	29.97	30.00	30.06	30.07	30.13	30.02
	SD	.182	.211	.200	.161	.124	.086	.072	.074	.096	.136	.183	.195	.167
	TOT OBS	178	161	178	174	209	200	206	208	202	205	200	190	2311
ALL HOURS	MEAN	30.15	30.11	30.01	29.96	29.92	29.96	30.02	29.99	30.01	30.07	30.07	30.14	30.03
	SD	.182	.210	.204	.164	.129	.091	.077	.080	.099	.138	.186	.200	.168
	TOT OBS	1549	1397	1550	1499	1784	1756	1649	1645	1604	1666	1594	1552	19245

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX PERIOD OF RECORD: NOV 83 - JUN 91
LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.16	29.13	29.02	28.98	28.95	28.98	29.03	29.01	29.02	29.08	29.08	29.14	29.05
	SD	.170	.202	.193	.161	.120	.080	.068	.067	.089	.130	.176	.196	.158
	TOT OBS	180	165	181	174	204	202	206	209	205	213	204	190	2333
0300	MEAN	29.14	29.11	29.01	28.96	28.93	28.96	29.02	29.00	29.01	29.07	29.07	29.13	29.03
	SD	.174	.199	.193	.159	.118	.079	.067	.066	.089	.129	.179	.193	.157
	TOT OBS	181	159	178	173	205	200	208	203	200	211	199	180	2297
0600	MEAN	29.14	29.12	29.02	28.98	28.94	28.98	29.04	29.01	29.02	29.08	29.07	29.13	29.04
	SD	.172	.195	.196	.161	.120	.079	.065	.065	.090	.129	.179	.200	.156
	TOT OBS	180	163	179	173	233	232	209	210	205	211	206	190	2391
0900	MEAN	29.19	29.15	29.07	29.01	28.98	29.01	29.07	29.05	29.06	29.12	29.11	29.17	29.08
	SD	.174	.201	.199	.152	.124	.081	.063	.066	.094	.132	.179	.191	.160
	TOT OBS	205	188	209	198	236	229	198	203	197	201	193	206	2463
1200	MEAN	29.20	29.15	29.06	29.01	28.96	28.99	29.05	29.03	29.04	29.10	29.11	29.17	29.07
	SD	.175	.205	.199	.154	.122	.082	.066	.069	.093	.133	.185	.194	.164
	TOT OBS	208	183	209	197	227	229	206	202	196	207	195	201	2460
1500	MEAN	29.11	29.07	28.98	28.94	28.90	28.94	28.99	28.96	28.97	29.02	29.03	29.10	29.00
	SD	.174	.200	.196	.153	.119	.080	.066	.067	.091	.130	.177	.189	.158
	TOT OBS	210	187	207	206	236	229	207	202	197	207	198	206	2492
1800	MEAN	29.11	29.06	28.96	28.91	28.87	28.90	28.95	28.93	28.95	29.02	29.03	29.09	28.98
	SD	.176	.204	.192	.153	.119	.084	.070	.070	.092	.129	.176	.189	.163
	TOT OBS	208	191	209	205	235	232	210	207	202	212	198	189	2498
2100	MEAN	29.14	29.11	28.99	28.95	28.91	28.94	28.99	28.97	29.00	29.06	29.07	29.13	29.02
	SD	.177	.205	.194	.156	.121	.083	.070	.071	.093	.132	.179	.190	.163
	TOT OBS	178	161	178	174	209	200	206	208	202	205	200	190	2311
ALL HOURS	MEAN	29.15	29.11	29.01	28.97	28.93	28.96	29.02	28.99	29.01	29.07	29.07	29.14	29.03
	SD	.177	.204	.199	.159	.125	.088	.076	.077	.097	.135	.181	.195	.163
	TOT OBS	1550	1397	1550	1500	1785	1753	1650	1644	1604	1667	1593	1552	19245

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GG
PP	AAAAAAAAA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
				GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0			629	.3			621	.6			661	2.0			697
CATEGORY B	1.0			629	.3			621	.6			661	2.3	.1		697

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.5			710	2.4	.1		708	.6			653	.6	.2		630
CATEGORY B	5.2	.3		710	2.4	.4		708	.8			653	.6	.2		630

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.0		3429	1.6	.0		5309
CATEGORY B	2.3	.2		3429	1.7	.1		5309

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4	.2		579	1.2			570	.8			593	3.6	.6		658
CATEGORY B	1.6	.2		579	1.2			570	1.0			593	4.0	.9	.2	658

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.6	.6		638	3.8	.6		651	2.8	.7	.3	604	2.3	.3		572
CATEGORY B	3.8	.9		638	4.1	.8		651	3.0	.8	.5	604	2.4	.5		572

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.5	.1	3144	2.5	.4	.0	4865
CATEGORY B	3.2	.7	.1	3144	2.7	.5	.1	4865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.2		633	.6			622	.4			681	5.1	.4		712
CATEGORY B	1.1	.2	.2	633	1.1			622	.6			681	5.3	.7	.1	712

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.0	.6		709	8.5	.6		709	3.0	.1		670	2.7			629
CATEGORY B	9.4	2.1		709	8.7	2.0	.4	709	3.1	.1		670	2.9			629

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.3	.3		3481	3.9	.2		5365
CATEGORY B	5.5	1.0	.1	3481	4.2	.7	.1	5365

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: - 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			608	.5			617	1.0	.1		670	2.3			690
CATEGORY B	.5			608	.5			617	1.0	.1		670	2.5			690

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3	.3		682	3.8	.1		704	1.9			674	1.6			616
CATEGORY B	4.4	.3		682	4.5	.1		704	2.1	.3		674	1.8	.3		616

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.1		3420	2.1	.1		5261
CATEGORY B	2.9	.2		3420	2.2	.2		5261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			612	.5			613	.6			697	.7			700
CATEGORY B	1.1	.2		612	.8	.2	.2	613	.6	.1		697	.9			700

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0	.3		695	2.6	.1		705	2.0			664	1.8	.2		621
CATEGORY B	1.3	.3		695	2.7	.3		705	2.1	.2		664	2.3	.2		621

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4	.1		3461	1.2	.1		5307
CATEGORY B	1.5	.2		3461	1.5	.2	.0	5307

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533 STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			602	.5	.2		604	.3			703	.9			678
CATEGORY B	.5			602	.5	.2		604	.3			703	1.0	.1		678

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			682	1.5	.1		685	2.0			662	.8			608
CATEGORY B	.9			682	1.6	.1		685	2.3	.2		662	1.3	.2		608

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.1	.0		3410	.9	.0		5224
CATEGORY B	1.2	.1		3410	1.1	.1		5224

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				616				612				618	.2			599
CATEGORY B				616				612				618	.2			599

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			614	1.6			626	1.4			628	.6			623
CATEGORY B	.7	.2		614	1.8	.2		626	1.4			628	.8			623

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7			3085	.5			4936
CATEGORY B	.8	.1		3085	.6	.0		4936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			622				600				616				611
CATEGORY B	.2			622				600				616				611

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			608	1.0			617	1.3			625	.8			629
CATEGORY B	.5			608	1.3	.2		617	1.4			625	1.0	.5		629

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			3077	.4			4928
CATEGORY B	.6	.0		3077	.5	.1		4928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			610	.3			605	.2			611	.3			595
CATEGORY B	.7			610	.3			605	.2			611	.3			595

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7			588	2.0			602	1.6	.2		608	1.0			602
CATEGORY B	1.2	.2		588	2.0			602	2.0	.2		608	1.2			602

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0	.0		3004	.8	.0		4821
CATEGORY B	1.1	.1		3004	1.0	.0		4821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0			626	.6			627	.3			619	.3			611
CATEGORY B	1.0	.2		626	.6			627	.5			619	.5			611

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			607	.3			625	1.6			626	1.6			622
CATEGORY B	.8			607	.3			625	1.6	.2		626	1.6			622

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7			3088	.8			4963
CATEGORY B	.7	.0		3088	.9	.0		4963

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			603				600				612	1.7			587
CATEGORY B	.7	.2		603	.5			600				612	2.0	.2		587

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.2		578	1.0			598	.2			600	.7			613
CATEGORY B	2.1	.3		578	1.0			598	.3			600	.7			613

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.0		2975	.7	.0		4791
CATEGORY B	1.1	.1		2975	.9	.1		4791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			569	.7	.2		554	.3	.2		582	1.8	.2		609
CATEGORY B	.9			569	.7	.2	.2	554	.5	.2		582	1.8	.2		609

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.2		616	1.8			625	.9			569	1.4			572
CATEGORY B	3.1	.3		616	2.1	.2		625	1.2	.2		569	1.6	.3		572

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.1		3001	1.4	.1		4696
CATEGORY B	1.8	.2		3001	1.5	.2	.0	4696

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: NOV 83 - JUN 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6	.0		7309	.4	.0		7245	.4	.0		7663	1.6	.1		7747
CATEGORY B	.8	.1	.0	7309	.6	.0	.0	7245	.4	.0		7663	1.8	.2	.0	7747

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6	.2		7727	2.6	.2		7855	1.6	.1	.0	7583	1.3	.1		7337
CATEGORY B	2.9	.4		7727	2.8	.4	.0	7855	1.8	.2	.0	7583	1.5	.2		7337

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.1	.0	38575	1.4	.1	.0	60466
CATEGORY B	1.9	.2	.0	38575	1.6	.2	.0	60466

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAAA	RR RR	TT	HH	HE
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: JAN 84 - JUN 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	561	300	108	15	****	****	****	****	****	****	****	****	984
1988	****	****	****	34	****	****	****	****	****	****	****	****	34
1989	****	406	****	****	****	****	****	****		46	****	****	452
1990	317	205	****	36	****	****	****	****		****	****	433	991
1991	500	270	110	****	****								880
MEAN	459	295	109	28						46		433	
SD	126.98	83.81	1.41	11.59									

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722533

STATION NAME: HONDO MUNICIPAL AIRPORT, TX
LST TO UTC: + 6

PERIOD OF RECORD: JAN 84 - JUN 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984		4	108	190	****	****	****	****	****	****	****	****	302
1988	****	****	****	144	****	****	****	****	****	****	****	****	144
1989	****	18	****	****	****	****	****	****	397	217	****	****	632
1990	17	16	****	155	****	****	****	****	407	****	****	14	609
1991			63	****	****	440							503
MEAN	5	9	85	163		440			402	217		14	
SD	9.81	8.85	31.82	24.02					7.07				

A W S	STATION NAME: HONDO MUNICIPAL AIRPORT TX												FIELD ELEV: 927 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 29 21 N 099 10 W												STATION MSC: 722533		
	HOURLY OBS POR: NOV 83 - JUN 91												CALL SIGN: KHDO		
	SUMMARY OF DAY POR: OCT 42-DEC 45, DEC 54-JUN 58, NOV 83-JUN 91												SUPERSEDES: N/A		
	HOURS SUMMARIZED: 0000 - 2300 LST														
OCT 91	LST TO UTC: +06														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	90	96	96	105	104	103	106	106	102	97	94	88	106	18	
MEAN MAX TEMP (F)	62	67	74	81	87	92	95	96	90	82	72	63	80	18	
MEAN TEMP (F)	51	56	62	69	76	81	83	84	79	71	61	52	68	18	
MEAN MIN TEMP (F)	39	45	50	57	65	70	71	72	67	59	50	40	57	18	
EXTRM MIN TEMP (F)	9	12	23	29	46	54	61	60	44	34	27	7	7	18	
D/W TEMP GE 100 (F)	0	0	0	1	1	2	4	4	1	0	0	0	13	18	
D/W TEMP GE 90 (F)	#	1	1	3	11	22	28	29	20	3	1	31	150	18	
D/W TEMP LT 33 (F)	7	3	2	#	0	0	0	0	0	0	1	9	22	18	
D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	0	1	3	18	
HEATING DEGREE DAYS	459	295	109	28	1	0	0	0	#	46	175	433	1546	8	
COOLING DEGREE DAYS	5	9	85	163	375	525	630	625	455	217	62	14	3165	8	
MEAN DEWPOINT TEMP (F)	39	42	47	54	64	68	68	68	64	57	50	41	55	8	
MEAN WET BULB TEMP (F)	44	48	54	60	68	72	72	72	69	62	54	46	60	8	
99.95% WCPA (FT)	1400	1400	1450	1350	1300	1150	1050	1100	1150	1200	1350	1400	1350	8	
MEAN REL HUM 07 LST(%)	81.5	82.1	81.4	83.3	89.2	90.0	88.6	88.8	86.8	85.1	85.1	81.2	85.4	8	
MEAN REL HUM 13 LST(%)	64.4	61.8	56.9	57.5	62.5	59.7	56.4	51.8	56.7	59.8	64.2	64.6	59.7	8	
MAX 24HR PRECIP (IN)	1.75	1.43	1.73	2.80	5.07	3.53	2.69	2.73	3.17	4.67	1.20	1.81	5.07	17	
MAX PRECIP (IN)	3.24	3.92	3.71	6.05	13.83	8.66	6.68	5.62	6.27	10.98	2.45	4.63	40.09	17	
MEAN PRECIP (IN)	1.72	1.60	1.65	2.03	3.91	3.77	2.10	1.04	2.59	3.95	1.27	1.42	26.87	17	
MIN PRECIP (IN)	.36	.09	.39	.66	.70	.02	.04	.00	.40	.08	.02	.07	13.15	17	
D/W PRECIP GE .01 (IN)	6	7	6	7	8	7	6	3	6	6	6	8	76	17	
D/W PRECIP GT .50 (IN)	1	1	1	1	3	2	1	1	1	2	1	1	16	17	
MAX 24HR SNFL (IN)	10.8	#	0	0	0	0	0	0	0	0	0	#	10.8	15	
MAX SNFL (IN)	12.8	#	0	0	0	0	0	0	0	0	0	#	12.8	15	
MEAN SNFL (IN)	1.6	#	0	0	0	0	0	0	0	0	0	#	1.8	15	
D/W SNFL GE .1 (IN)	1	0	0	0	0	0	0	0	0	0	0	0	1	15	
D/W SNFL GE 1.5 (IN)	1	0	0	0	0	0	0	0	0	0	0	0	1	15	
MAX DLY SNO DEPTH (IN)	10	#	0	0	0	0	0	0	0	0	0	0	10	15	
PRVING WND DIR (DEG)	02-04	02-04	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	\$14-16	\$35-01	14-16	8
MEAN WND SPD (KTS)	6	6	7	6	6	6	5	5	6	6	6	6	6	8	
@@MAX WND SPD (KTS)	55	50	55	57	66	65	51	70	50	60	59	69	70	18	
SKY COVER GT 5/10 (%)	58.1	56.4	53.2	56.1	58.4	44.5	36.7	34.1	42.0	42.7	54.6	56.6	49.6	8	
@@D/W THUNDERSTORMS	1	2	2	4	6	5	3	5	4	3	1	1	37	18	
@@D/W FOG (VSBY LT 7 MI)	13	12	12	13	13	6	3	3	8	11	12	12	118	18	
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	31.8	33.3	33.5	28.0	29.5	24.4	8.6	3.9	14.6	23.8	32.7	36.6	25.1	8
	03 - 05	37.9	40.5	43.2	42.1	51.7	42.5	25.5	19.2	28.9	37.6	42.3	39.5	37.6	8
	06 - 08	37.4	43.2	44.9	49.4	57.1	51.6	41.6	33.3	35.9	42.6	47.7	38.8	43.6	8
	09 - 11	34.1	39.9	41.1	42.4	44.2	33.2	25.9	18.4	27.3	35.8	45.3	35.3	35.2	8
	12 - 14	28.0	33.1	30.2	28.0	24.4	11.3	6.3	2.6	10.0	21.3	32.1	29.8	21.4	8
	15 - 17	23.5	23.8	15.4	13.6	7.6	4.5	2.6	.3	3.0	9.9	17.6	22.1	12.0	8
	18 - 20	22.3	20.1	12.7	9.6	4.8	2.1	1.0	.6	2.3	7.0	13.0	20.6	9.7	8
	21 - 23	27.0	25.5	22.7	15.6	11.6	7.9	3.2	.8	3.8	12.1	21.8	24.7	14.7	8
	ALL	30.2	32.4	30.4	28.5	28.9	22.2	14.2	9.8	15.8	23.7	31.6	30.8	24.9	8
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	21.1	23.5	23.5	21.4	16.8	11.6	4.2	1.9	5.1	11.0	18.7	22.7	15.1	8
	03 - 05	27.3	30.5	31.4	32.7	34.6	23.7	16.0	11.0	16.4	21.5	28.5	26.7	25.0	8
	06 - 08	27.2	30.4	32.0	34.5	31.2	19.9	21.0	14.8	18.0	24.1	31.7	29.0	26.1	8
	09 - 11	21.4	26.0	23.6	18.9	10.1	2.1	2.7	.7	4.5	10.3	22.2	24.0	13.9	8
	12 - 14	13.2	17.1	8.9	4.8	2.4	.7	.5	.0	.2	3.8	8.5	14.1	6.2	8
	15 - 17	10.2	11.1	3.1	3.1	1.3	.3	.5	.0	.0	2.7	4.5	8.0	3.7	8
	18 - 20	10.6	10.8	3.6	2.2	.5	.3	.5	.0	.2	1.8	4.2	10.5	3.8	8
	21 - 23	15.2	15.5	11.9	7.6	3.7	2.5	1.3	.2	.5	4.2	7.4	13.5	7.0	8
	ALL	18.1	20.5	17.0	15.4	12.4	7.5	5.8	3.5	5.6	9.9	15.8	18.4	12.5	8
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.2	16.2	12.5	11.7	2.9	2.5	1.9	.2	1.1	5.1	7.9	14.0	7.4	8
	03 - 05	18.8	19.5	18.0	17.2	8.1	7.9	2.9	2.0	3.0	9.2	15.8	15.3	11.5	8
	06 - 08	15.9	22.3	17.3	20.4	8.6	5.4	2.9	1.5	2.1	8.1	16.7	18.4	11.6	8
	09 - 11	11.2	15.7	9.1	6.4	1.4	.1	.3	.0	.3	5.2	13.0	14.9	6.5	8
	12 - 14	5.9	7.7	2.3	1.6	.9	.0	.3	.0	.2	1.8	3.1	6.3	2.5	8
	15 - 17	5.5	3.8	1.7	.9	.3	.3	.0	.0	.0	1.0	2.0	3.7	1.6	8
	18 - 20	7.2	6.3	2.2	.9	.2	.0	.0	.0	.0	.5	2.2	4.5	2.0	8
	21 - 23	8.6	10.3	5.2	2.9	.3	1.0	.8	.0	.2	1.6	3.3	7.2	3.4	8
	ALL	10.6	12.6	8.4	7.6	2.8	2.1	1.2	.4	.9	4.1	8.0	10.5	5.8	8
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.3	1.7	1.7	.7	.0	.0	.0	.0	.0	.0	.7	2.8	.7	8
	03 - 05	2.9	2.3	1.4	2.4	.0	.2	.0	.0	.0	.6	3.0	3.4	1.3	8
	06 - 08	5.3	3.4	1.3	2.2	.1	.0	.0	.0	.0	1.8	7.4	4.8	2.2	8
	09 - 11	1.6	2.3	.1	.3	.0	.0	.0	.0	.0	.7	1.9	2.0	.7	8
	12 - 14	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.7	.5	.1	8
	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.1	8
	18 - 20	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.3	8
	21 - 23	1.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.4	8
	ALL	1.8	1.5	.6	.7	.0	.0	.0	.0	.0	.4	1.8	2.0	.7	8

@@HURRICANES/TROPICAL STORMS OBSERVED : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	1/2	0/1	0/0	0/0	0/0	0/0	1/6
120NM	0/0	0/0	0/0	0/0	0/0	4/7	2/6	1/5	2/4	0/1	0/0	0/0	9/23
240NM	0/0	0/0	0/0	0/0	0/0	7/10	7/12	14/19	10/13	1/2	0/0	0/0	39/56

REMARKS : @@ ESTIMATED FROM DATA AT NEARBY SITES.

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