

AD-A231 689



# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR  
EDWARDS AFB, CA

Prepared by

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

MARCH 1990



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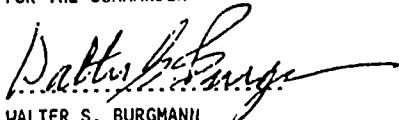
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JOSEPH L. BOYTE  
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER



WALTER S. BURGMANN  
SCIENTIFIC AND TECHNICAL INFORMATION  
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## PREFACE

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

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

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

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



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## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAR 79 - FEB 89 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 42 - DEC 73 (FULL TIME).

SUMMARY OF DAY DATA: JAN 74 - FEB 89 (PART TIME).

HOURS SUMMARIZED: 00-23 LST (4201-7312), 05-21 LST (7401-8902).

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                | MD     | 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                   | VSDY   | 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

| STATION NO.<br>ON SUMMARY                    |                              | STATION NAME                                         |                        | LATITUDE            |                    | LONGITUDE |                                                          | FLD ELEV (FT) |                   | CALL SIGN |  | WMO NMBR |  |
|----------------------------------------------|------------------------------|------------------------------------------------------|------------------------|---------------------|--------------------|-----------|----------------------------------------------------------|---------------|-------------------|-----------|--|----------|--|
| 723810                                       |                              | EDWARDS AFB, CA                                      |                        | N 34 54             |                    | W 117 53  |                                                          | 2302          |                   | KEDW      |  | 72381    |  |
| STATION LOCATION AND INSTRUMENTATION HISTORY |                              |                                                      |                        |                     |                    |           |                                                          |               |                   |           |  |          |  |
| Nmbr<br>of<br>Loc                            | GEOGRAPHICAL LOCATION & NAME | Type<br>of<br>Station                                | At This Location       |                     | LATITUDE           | LONGITUDE | Elev Above MSL                                           |               | OBS<br>PER<br>DAY |           |  |          |  |
|                                              |                              |                                                      | From                   | To                  |                    |           | FLD (FT)                                                 | BARO (FT)     |                   |           |  |          |  |
| 1                                            | Muroc AB, CA                 | AAF                                                  | Dec 41                 | Dec 47              | N 34 58            | W 117 54  | 2272                                                     | 2285          | 24                |           |  |          |  |
| 2                                            | Muroc AFB, CA                | AFB                                                  | Jan 48                 | Dec 49              | N 34 54            | W 117 53  | Same                                                     | Same          | 24                |           |  |          |  |
| 3                                            | Same                         | Same                                                 | Jan 50                 | Jun 50              | Same               | W 117 52  | 2285                                                     | 2284          | 24                |           |  |          |  |
| 4                                            | Edwards AFB, CA              | Same                                                 | Jul 50                 | Mar 56              | Same               | Same      | Same                                                     | Same          | 24                |           |  |          |  |
| 5                                            | Same                         | Same                                                 | Apr 56                 | Jan 57              | Same               | Same      | 2310                                                     | 2320          | 24                |           |  |          |  |
| 6                                            | Same                         | Same                                                 | Feb 57                 | Dec 73              | Same               | Same      | 2302                                                     | 2316          | 24                |           |  |          |  |
| 7                                            | Same                         | Same                                                 | Jan 74                 | Dec 78              | Same               | Same      | Same                                                     | Same          | 16                |           |  |          |  |
| 8                                            | Same                         | Same                                                 | Jan 79                 | Dec 87              | N 34 54            | W 117 52  | Same                                                     | Same          | 16                |           |  |          |  |
| 9                                            | Same                         | Same                                                 | Jan 88                 | Jan 89              | Same               | W 117 53  | Same                                                     | Same          | 16                |           |  |          |  |
| Nmbr<br>of<br>Loc                            | Date of<br>Change            | SURFACE WIND EQUIPMENT INFORMATION                   |                        |                     |                    |           | REMARKS, ADDITIONAL EQUIP-<br>MENT, OR REASON FOR CHANGE |               |                   |           |  |          |  |
|                                              |                              | LOCATION                                             | TYPE OF<br>TRANSMITTER | TYPE OF<br>RECORDER | HT ABOVE<br>GROUND |           |                                                          |               |                   |           |  |          |  |
| 1                                            | Dec 41                       | Atop HQ building                                     | Anemometer             | N/A                 | 40 ft              |           |                                                          |               |                   |           |  |          |  |
| 2                                            | Apr 42                       | On Operations bldg                                   | Same                   | N/A                 | 33 ft              |           |                                                          |               |                   |           |  |          |  |
| 3                                            | Mar 43                       | Same                                                 | Same                   | N/A                 | 48 ft              |           |                                                          |               |                   |           |  |          |  |
| 4                                            | Sep 44                       | On Bldg T-42                                         | Selsyn                 | ML-144              | 75 ft              |           |                                                          |               |                   |           |  |          |  |
| 5                                            | Jan 48                       | On Ops Building                                      | Same                   | Same                | 32 ft              |           |                                                          |               |                   |           |  |          |  |
| 6                                            | Jan 50                       | Atop control tower                                   | Same                   | Same                | 58 ft              |           |                                                          |               |                   |           |  |          |  |
| 7                                            | Mar 56                       | Same                                                 | AN/GMQ-1               | ML-204              | 70 ft              |           |                                                          |               |                   |           |  |          |  |
| 8                                            | Apr 56                       | 200' NW of Ops Bldg                                  | Same                   | Same                | 13 ft              |           |                                                          |               |                   |           |  |          |  |
| 9                                            | Feb 57                       | 700' fm ctr rwy 04/22                                | AN/GMQ-11              | RO-2                | 15 ft              |           |                                                          |               |                   |           |  |          |  |
| 10                                           | Mar 58                       | 700'N rwy 04/22,4500'SSE wx stn                      | Same                   | Same                | 17 ft              |           |                                                          |               |                   |           |  |          |  |
| 11                                           | Mar 61                       | 700'fm N edge,6650'end rwy 04                        | Same                   | Same                | 13 ft              |           |                                                          |               |                   |           |  |          |  |
| 12                                           | Apr 66                       | 700'fm N edge,1000'SSW of ctr                        | AN/GMQ-20              | RO-362              | Same               |           |                                                          |               |                   |           |  |          |  |
| 13                                           | Feb 73                       | 600'SW of ctr of 15000'<br>rwy,500'NNW from rwy edge | Same                   | Same                | Same               |           |                                                          |               |                   |           |  |          |  |
| 14                                           | Jan 89                       | Same                                                 | Same                   | Same                | 13 ft              |           |                                                          |               |                   |           |  |          |  |

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

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOCES, 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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 0                      |
| 03-05          |       |                  |                 |                  |      |               | 3.9 |                       |                 |                      | 3.9                   | 51                     |
| 06-08          |       | 3.0              |                 |                  |      | 3.0           | 3.7 | .7                    |                 |                      | 7.4                   | 890                    |
| 09-11          |       | 3.1              |                 |                  |      | 3.1           | 2.8 | 1.9                   |                 | .1                   | 8.0                   | 891                    |
| 12-14          |       | 2.5              |                 |                  |      | 2.5           | .6  | .8                    |                 | .1                   | 3.9                   | 891                    |
| 15-17          |       | 3.1              |                 |                  |      | 3.1           | .1  | .9                    |                 | .1                   | 4.5                   | 892                    |
| 18-20          |       | 3.3              |                 |                  |      | 3.3           |     | .3                    |                 |                      | 3.6                   | 891                    |
| 21-23          |       | 2.7              |                 |                  |      | 2.7           |     | .3                    |                 |                      | 3.0                   | 297                    |
| ALL<br>HOURS   |       | 3.0              |                 |                  |      | 3.0           | 1.4 | .9                    |                 | .1                   | 5.3                   | 4803                   |

MONTH: FEB

|              |    |     |  |     |  |     |     |     |  |    |      |      |
|--------------|----|-----|--|-----|--|-----|-----|-----|--|----|------|------|
| 00-02        |    |     |  |     |  |     |     |     |  |    |      | 0    |
| 03-05        |    |     |  | 2.4 |  | 2.4 |     | 2.4 |  |    | 4.8  | 42   |
| 06-08        |    | 2.4 |  | .8  |  | 3.2 | .4  | 1.4 |  | .2 | 10.3 | 847  |
| 09-11        |    | 3.3 |  | .5  |  | 3.8 | 3.3 | 1.6 |  | .1 | 8.8  | 849  |
| 12-14        |    | 3.7 |  | .7  |  | 4.4 | 1.3 | .7  |  | .5 | 6.8  | 849  |
| 15-17        | .1 | 3.4 |  | .4  |  | 3.8 | 1.1 | .8  |  | .2 | 5.9  | 847  |
| 18-20        |    | 3.4 |  | .4  |  | 3.8 | .9  | .1  |  | .1 | 5.0  | 843  |
| 21-23        |    | 2.8 |  | .4  |  | 3.2 | .7  |     |  | .4 | 4.3  | 281  |
| ALL<br>HOURS | .0 | 3.2 |  | .5  |  | 3.7 | 2.3 | .9  |  | .2 | 7.2  | 4558 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAP 79 - FEB 89  
MONTH: MAR

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 0                      |
| 03-05          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 18                     |
| 06-08          |       | 4.1              |                 |                  |      | 4.1           | 2.6 | .9                    |                 |                      | 7.6                   | 927                    |
| 09-11          | .1    | 4.7              |                 |                  |      | 4.7           | 1.0 | .5                    |                 |                      | 6.2                   | 930                    |
| 12-14          | .1    | 5.6              |                 |                  |      | 5.6           | .1  | .5                    |                 | .1                   | 6.3                   | 930                    |
| 15-17          |       | 5.6              |                 |                  |      | 5.6           | .6  | .8                    |                 |                      | 7.0                   | 930                    |
| 18-20          |       | 5.3              |                 |                  |      | 5.3           | .6  | .4                    |                 | .2                   | 6.6                   | 929                    |
| 21-23          |       | 3.9              |                 |                  |      | 3.9           | .3  | .3                    |                 |                      | 4.5                   | 309                    |
| ALL<br>HOURS   | .0    | 5.0              |                 |                  |      | 5.0           | .9  | .6                    |                 | .1                   | 6.6                   | 4973                   |

MONTH: APR

|              |    |     |  |    |  |     |    |    |  |    |     |      |
|--------------|----|-----|--|----|--|-----|----|----|--|----|-----|------|
| 00-02        |    |     |  |    |  |     |    |    |  |    |     | 0    |
| 03-05        |    | 2.5 |  |    |  | 2.5 | .8 |    |  |    | 3.4 | 119  |
| 06-08        |    | .8  |  |    |  | .8  | .7 | .4 |  |    | 1.9 | 900  |
| 09-11        | .1 | 1.4 |  | .2 |  | 1.7 |    | .1 |  |    | 1.8 | 900  |
| 12-14        | .4 | 1.3 |  | .1 |  | 1.4 |    | .2 |  | .6 | 2.2 | 900  |
| 15-17        | .3 | 1.8 |  |    |  | 1.8 |    |    |  | .3 | 2.1 | 900  |
| 18-20        |    | .8  |  |    |  | .8  |    | .2 |  | .3 | 1.3 | 900  |
| 21-23        |    | .4  |  |    |  | .4  |    | .4 |  |    | .9  | 225  |
| ALL<br>HOURS | .2 | 1.2 |  | .1 |  | 1.3 | .1 | .2 |  | .2 | 1.9 | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 0                      |
| 03-05          | .3    | .3               |                 |                  |      | .3            | .7  | 1.0                   |                 |                      | 2.0                   | 307                    |
| 06-08          | .1    | .2               |                 |                  |      | .2            | .1  | .5                    |                 |                      | .9                    | 927                    |
| 09-11          |       | .1               |                 |                  |      | .1            |     |                       |                 |                      | .1                    | 924                    |
| 12-14          | .4    | 1.1              |                 | .1               |      | 1.2           |     |                       |                 | .1                   | 1.3                   | 925                    |
| 15-17          | .7    | .5               |                 |                  |      | .5            |     | .1                    |                 |                      | .7                    | 922                    |
| 18-20          | .5    | .4               |                 |                  |      | .4            |     | .7                    |                 |                      | 1.1                   | 918                    |
| 21-23          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 21                     |
| ALL<br>HOURS   | .3    | .5               |                 | .0               |      | .5            | .1  | .3                    |                 | .0                   | .9                    | 4944                   |

MONTH: JUN

|              |    |     |  |  |    |     |    |    |  |    |     |      |
|--------------|----|-----|--|--|----|-----|----|----|--|----|-----|------|
| 00-02        |    |     |  |  |    |     |    |    |  |    |     | 0    |
| 03-05        |    | 1.0 |  |  |    | 1.0 | .3 | .3 |  |    | 1.7 | 297  |
| 06-08        |    | .7  |  |  |    | .7  |    |    |  |    | .7  | 900  |
| 09-11        | .3 | .3  |  |  |    | .3  |    |    |  |    | .3  | 900  |
| 12-14        | .7 | 1.1 |  |  |    | 1.1 |    |    |  |    | 1.1 | 900  |
| 15-17        | .6 | .3  |  |  | .1 | .4  |    | .2 |  | .3 | 1.0 | 900  |
| 18-20        | .1 |     |  |  |    |     |    | .1 |  |    | .1  | 900  |
| 21-23        |    |     |  |  |    |     |    |    |  |    |     | 43   |
| ALL<br>HOURS | .3 | .5  |  |  | .0 | .5  | .0 | .1 |  | .1 | .7  | 4840 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
JUL

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLUZZING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|------------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                  |                      |                       | 0                      |
| 03-05          | .3    |                  |                 |                  |      |               |     |                       |                  |                      |                       | 302                    |
| 06-08          | .4    | .1               |                 |                  |      | .1            |     |                       |                  |                      | .1                    | 909                    |
| 09-11          | .3    | .8               |                 |                  |      | .8            |     |                       |                  |                      | .8                    | 909                    |
| 12-14          | .1    | .3               |                 |                  |      | .3            |     |                       |                  |                      | .3                    | 909                    |
| 15-17          | 1.9   | 1.4              |                 |                  |      | 1.4           |     |                       |                  | .1                   | 1.5                   | 908                    |
| 18-20          | 1.1   | .5               |                 |                  |      | .5            |     |                       |                  |                      | .5                    | 910                    |
| 21-23          |       |                  |                 |                  |      |               |     |                       |                  |                      |                       | 44                     |
| ALL<br>HOURS   | .7    | .6               |                 |                  |      | .6            |     |                       |                  | .0                   | .6                    | 4891                   |

MONTH: AUG

|              |     |     |  |  |  |     |    |  |  |  |     |      |
|--------------|-----|-----|--|--|--|-----|----|--|--|--|-----|------|
| 00-02        |     |     |  |  |  |     |    |  |  |  |     | 0    |
| 03-05        |     | .3  |  |  |  | .3  | .3 |  |  |  | .6  | 309  |
| 06-08        |     | .6  |  |  |  | .6  | .5 |  |  |  | 1.2 | 930  |
| 09-11        |     | .9  |  |  |  | .9  |    |  |  |  | .9  | 930  |
| 12-14        | .5  | .9  |  |  |  | .9  |    |  |  |  | .9  | 930  |
| 15-17        | 2.3 | 1.3 |  |  |  | 1.3 |    |  |  |  | 1.3 | 930  |
| 18-20        | .9  | .6  |  |  |  | .6  |    |  |  |  | .6  | 930  |
| 21-23        |     |     |  |  |  |     |    |  |  |  |     | 40   |
| ALL<br>HOURS | .7  | .8  |  |  |  | .8  | .1 |  |  |  | .9  | 4999 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS' AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 0                      |
| 03-05          |       | 1.7              |                 |                  |      | 1.7           | 1.4 |                       |                 |                      | 3.1                   | 295                    |
| 06-08          | .1    | 1.0              |                 |                  |      | 1.0           | 1.3 | .7                    |                 |                      | 3.0                   | 891                    |
| 09-11          | .3    | 1.0              |                 |                  |      | 1.0           | .5  | .2                    |                 | .1                   | 1.8                   | 885                    |
| 12-14          | .5    | .7               |                 |                  |      | .7            |     | .1                    |                 |                      | .8                    | 882                    |
| 15-17          | 1.5   | 1.1              |                 |                  |      | 1.1           |     | .1                    |                 |                      | 1.2                   | 884                    |
| 18-20          | 1.5   | .9               |                 |                  |      | .9            |     | .3                    |                 |                      | 1.2                   | 888                    |
| 21-23          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 38                     |
| ALL<br>HOURS   | .7    | 1.0              |                 |                  |      | 1.0           | .4  | .3                    |                 | .0                   | 1.7                   | 4763                   |

MONTH: OCT

|              |    |     |  |  |  |     |     |     |  |    |     |      |
|--------------|----|-----|--|--|--|-----|-----|-----|--|----|-----|------|
| 00-02        |    |     |  |  |  |     |     |     |  |    |     | 0    |
| 03-05        | .4 | 1.8 |  |  |  | 1.8 | .4  |     |  |    | 2.2 | 276  |
| 06-08        | .4 | 1.2 |  |  |  | 1.2 | 1.6 | 2.6 |  |    | 5.4 | 930  |
| 09-11        |    | 1.2 |  |  |  | 1.2 | .1  | 1.3 |  |    | 2.6 | 930  |
| 12-14        | .4 | 1.3 |  |  |  | 1.3 | .3  | .3  |  |    | 1.9 | 930  |
| 15-17        | .4 | 1.1 |  |  |  | 1.1 | .2  | .3  |  | .1 | 1.7 | 930  |
| 18-20        |    | .8  |  |  |  | .8  | .3  | .1  |  | .1 | 1.3 | 929  |
| 21-23        |    | 1.3 |  |  |  | 1.3 | 1.3 |     |  |    | 2.6 | 77   |
| ALL<br>HOURS | .3 | 1.1 |  |  |  | 1.1 | .5  | .9  |  | .0 | 2.6 | 5002 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

| HOURS<br>(LST) | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|----------------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| 00-02          |       |                  |                 |                  |      |               |     |                       |                 |                      |                       | 0                      |
| 03-05          |       | 3.1              |                 |                  |      | 3.1           | 1.6 |                       |                 |                      | 4.7                   | 64                     |
| 06-08          |       | 1.8              |                 | .2               |      | 2.1           | .6  | 2.5                   |                 |                      | 5.2                   | 870                    |
| 09-11          | .1    | 1.1              |                 | .1               |      | 1.3           | .3  | 1.5                   |                 |                      | 3.1                   | 870                    |
| 12-14          | .3    | 1.5              |                 |                  | .1   | 1.6           |     | .3                    |                 |                      | 2.0                   | 870                    |
| 15-17          |       | 1.6              |                 |                  |      | 1.6           |     | .3                    |                 |                      | 2.9                   | 870                    |
| 18-20          | .2    | 1.5              |                 |                  |      | 1.5           |     | 1.4                   |                 |                      | 2.9                   | 870                    |
| 21-23          | .3    | 1.4              |                 |                  |      | 1.4           |     | 1.4                   |                 |                      | 2.8                   | 288                    |
| ALL<br>HOURS   | .1    | 1.5              |                 | .1               | .0   | 1.6           | .2  | 1.2                   |                 |                      | 3.0                   | 4702                   |

MONTH: DEC

|              |    |     |  |     |  |     |      |     |  |    |      |      |
|--------------|----|-----|--|-----|--|-----|------|-----|--|----|------|------|
| 00-02        |    |     |  |     |  |     |      |     |  |    |      | 0    |
| 03-05        |    | 3.3 |  | 1.7 |  | 5.0 | 11.7 |     |  |    | 16.7 | 60   |
| 06-08        |    | 2.4 |  | .7  |  | 3.0 | 7.7  | .9  |  |    | 11.6 | 886  |
| 09-11        |    | 2.1 |  | .5  |  | 2.6 | 6.8  | 1.1 |  | .1 | 10.6 | 886  |
| 12-14        |    | 2.8 |  | .7  |  | 3.5 | 2.5  | .6  |  | .2 | 6.8  | 881  |
| 15-17        |    | 1.9 |  | .7  |  | 2.6 | .9   | .4  |  | .2 | 4.1  | 856  |
| 18-20        | .1 | 2.4 |  | 1.1 |  | 3.5 | 1.9  | .4  |  |    | 5.8  | 824  |
| 21-23        |    | 1.5 |  | .7  |  | 2.2 | 2.2  | .4  |  |    | 4.8  | 272  |
| ALL<br>HOURS | .0 | 2.3 |  | .7  |  | 3.0 | 4.0  | .6  |  | .1 | 7.8  | 4665 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
HOURS: ALL

| MONTH  | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|--------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| JAN    |       | 3.0              |                 |                  |      | 3.0           | 1.4 | .9                    |                 | .1                   | 5.3                   | 4803                   |
| FEB    | .0    | 3.2              |                 | .5               |      | 3.7           | 2.3 | .9                    |                 | .2                   | 7.2                   | 4558                   |
| MAR    | .0    | 5.0              |                 |                  |      | 5.0           | .9  | .6                    |                 | .1                   | 6.6                   | 4973                   |
| APR    | .2    | 1.2              |                 | .1               |      | 1.3           | .1  | .2                    |                 | .2                   | 1.9                   | 4844                   |
| MAY    | .3    | .5               |                 | .0               |      | .5            | .1  | .3                    |                 | .0                   | .9                    | 4944                   |
| JUN    | .3    | .5               |                 |                  | .0   | .5            | .0  | .1                    |                 | .1                   | .7                    | 4840                   |
| JUL    | .7    | .6               |                 |                  |      | .6            |     |                       |                 | .0                   | .6                    | 4891                   |
| AUG    | .7    | .8               |                 |                  |      | .8            | .1  |                       |                 |                      | .9                    | 4999                   |
| SEP    | .7    | 1.0              |                 |                  |      | 1.0           | .4  | .3                    |                 | .0                   | 1.7                   | 4763                   |
| OCT    | .3    | 1.1              |                 |                  |      | 1.1           | .5  | .9                    |                 | .0                   | 2.6                   | 5002                   |
| NOV    | .1    | 1.5              |                 | .1               | .0   | 1.6           | .2  | 1.2                   |                 |                      | 3.0                   | 4702                   |
| DEC    | .0    | 2.3              |                 | .7               |      | 3.0           | 4.0 | .6                    |                 | .1                   | 7.8                   | 4665                   |
| ANNUAL | .3    | 1.7              |                 | .1               | .0   | 1.8           | .8  | .5                    |                 | .1                   | 3.2                   | 57984                  |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4901-8902  
MONTH: ALL HOURS: ALL

| MONTH  | TSTMS | LIQUID<br>PRECIP | FREEZ<br>PRECIP | FROZEN<br>PRECIP | HAIL | ALL<br>PRECIP | FOG | SMOKE<br>&/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>&/OR<br>SAND | ALL<br>OBST<br>TO VSN | TOTAL<br>NO. OF<br>OBS |
|--------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| JAN    | .2    | 17.0             |                 | 3.2              | .2   | 18.7          | 9.7 | 6.5                   | .4              | .4                   | 24.7                  | 1237                   |
| FEB    | .4    | 16.4             |                 | 1.7              | .3   | 17.1          | 6.4 | 6.6                   |                 | .6                   | 24.0                  | 1145                   |
| MAR    | .6    | 7.4              |                 | 2.3              | .4   | 17.9          | 4.4 | 5.4                   |                 | 1.0                  | 23.5                  | 1240                   |
| APR    | 1.0   | 12.0             |                 | .3               | .3   | 12.0          | 1.5 | 4.3                   |                 | 1.5                  | 17.3                  | 1187                   |
| MAY    | 2.0   | 6.3              |                 |                  | .1   | 6.3           | 1.1 | 4.6                   |                 | .2                   | 10.7                  | 1222                   |
| JUN    | 2.3   | 3.0              |                 |                  | .1   | 3.0           | .4  | 2.8                   |                 | .3                   | 6.0                   | 1200                   |
| JUL    | 4.6   | 7.4              |                 |                  | .1   | 7.4           | .2  | 1.1                   |                 | .4                   | 8.4                   | 1231                   |
| AUG    | 6.3   | 7.3              |                 |                  | .1   | 7.3           | .6  | 1.8                   |                 | .4                   | 9.2                   | 1240                   |
| SEP    | 3.5   | 7.3              |                 |                  | .1   | 7.3           | 1.7 | 3.3                   |                 | .1                   | 10.7                  | 1168                   |
| OCT    | 1.8   | 6.8              |                 |                  | .3   | 6.8           | 3.1 | 8.4                   |                 | .6                   | 15.7                  | 1240                   |
| NOV    | .7    | 11.0             |                 | .3               | .2   | 11.1          | 3.7 | 7.1                   |                 | .5                   | 18.0                  | 1176                   |
| DEC    | .2    | 13.5             |                 | 2.3              |      | 14.5          | 7.6 | 4.0                   |                 | .7                   | 21.0                  | 1198                   |
| ANNUAL | 2.0   | 10.4             |                 | .8               | .2   | 10.8          | 3.3 | 4.6                   | .0              | .6                   | 15.7                  | 14484                  |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89

| HOURS<br>(LST) | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 00-02          |      |      |      |      |      |      |      |      |      |      |      |      |
| 03-05          |      |      |      |      | .3   |      | .3   |      |      | .4   |      |      |
| 06-08          |      |      |      |      | .1   |      | .4   |      | .1   | .4   |      |      |
| 09-11          |      |      | .1   | .1   |      | .3   | .3   |      | .3   |      | .1   |      |
| 12-14          |      |      | .1   | .4   | .4   | .7   | .1   | .5   | .5   | .4   | .3   |      |
| 15-17          |      | .1   |      | .3   | .7   | .6   | 1.9  | 2.3  | 1.5  | .4   |      |      |
| 18-20          |      |      |      |      | .5   | .1   | 1.1  | .9   | 1.5  |      | .2   | .1   |
| 21-23          |      |      |      |      |      |      |      |      |      |      | .3   |      |
| ALL<br>HOURS   |      | .0   | .0   | .2   | .3   | .3   | .7   | .7   | .7   | .3   | .1   | .0   |
| TOTAL<br>OBS   | 4803 | 4558 | 4973 | 4844 | 4944 | 4840 | 4891 | 4999 | 4763 | 5002 | 4702 | 4665 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|
| TSTMS                        |      |          |           |           |           |           |           |
| LIQUID<br>PRECIP             | 12.0 |          | 15.5      | 16.2      | 46.5      | 9.9       | 142       |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |
| FROZEN<br>PRECIP             |      |          |           |           |           |           |           |
| FOG                          | 45.6 |          | 14.7      | 4.4       | 32.4      | 2.9       | 68        |
| FOG WITH VIS<br>GE 1/2 MILES | 40.3 |          | 16.1      | 4.8       | 35.5      | 3.2       | 62        |
| TOTAL OBS                    | 1788 | 0        | 888       | 265       | 1174      | 688       | 4803      |

MONTH: FEB HOURS: ALL

|                              |      |   |      |      |      |       |      |
|------------------------------|------|---|------|------|------|-------|------|
| TSTMS                        |      |   |      |      |      | 100.0 | 1    |
| LIQUID<br>PRECIP             | 7.5  |   | 28.1 | 6.8  | 34.2 | 23.3  | 146  |
| FREEZING<br>PRECIP           |      |   |      |      |      |       |      |
| FROZEN<br>PRECIP             | 4.0  |   | 84.0 |      | 4.0  | 8.0   | 25   |
| FOG                          | 25.0 |   | 28.8 | 11.5 | 14.4 | 20.2  | 104  |
| FOG WITH VIS<br>GE 1/2 MILES | 22.1 |   | 29.1 | 14.0 | 14.0 | 20.9  | 86   |
| TOTAL OBS                    | 1187 | 0 | 983  | 211  | 1374 | 803   | 4558 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|
| TSTMS                        |      |          |           |           | 50.0      | 50.0      | 2         |
| LIQUID<br>PRECIP             | 12.2 |          | 16.7      | 9.0       | 42.4      | 19.6      | 245       |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |
| FROZEN<br>PRECIP             |      |          |           |           |           |           |           |
| FOG                          | 44.7 |          | 10.6      | 6.4       | 12.8      | 25.5      | 47        |
| FOG WITH VIS<br>GE 1/2 MILES | 44.7 |          | 10.6      | 6.4       | 12.8      | 25.5      | 47        |
| TOTAL OBS                    | 845  | 0        | 731       | 245       | 2094      | 1058      | 4973      |

MONTH: APR HOURS: ALL

|                              |      |   |      |     |      |      |   |      |
|------------------------------|------|---|------|-----|------|------|---|------|
| TSTMS                        |      |   | 12.5 |     | 75.0 | 12.5 |   | 8    |
| LIQUID<br>PRECIP             | 3.8  |   | 5.7  | 1.9 | 77.4 | 11.3 |   | 53   |
| FREEZING<br>PRECIP           |      |   |      |     |      |      |   |      |
| FROZEN<br>PRECIP             |      |   |      |     | 66.7 | 33.3 |   | 3    |
| FOG                          | 57.1 |   |      |     | 42.9 |      |   | 7    |
| FOG WITH VIS<br>GE 1/2 MILES | 57.1 |   |      |     | 42.9 |      |   | 7    |
| TOTAL OBS                    | 723  | 0 | 554  | 245 | 2305 | 1017 | 0 | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|
| TSIMS                        | 17.6 |          | 5.9       | 11.8      | 41.2      | 23.5      | 17        |
| LIQUID<br>PRECIP             | 5.0  |          | 10.0      | 10.0      | 35.0      | 40.0      | 20        |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |
| FROZEN<br>PRECIP             |      |          |           |           |           | 100.0     | 1         |
| FOG                          |      |          |           |           | 100.0     |           | 3         |
| FOG WITH VIS<br>GE 1/2 MILES |      |          |           |           | 100.0     |           | 3         |
| TOTAL OBS                    | 538  | 0        | 444       | 281       | 2679      | 1002      | 4944      |

MONTH: JUN HOURS: ALL

|                              |      |   |      |     |       |      |      |
|------------------------------|------|---|------|-----|-------|------|------|
| TSIMS                        | 6.3  |   | 50.0 |     | 37.5  | 6.3  | 16   |
| LIQUID<br>PRECIP             | 27.8 |   | 5.6  | 5.6 | 50.0  | 11.1 | 18   |
| FREEZING<br>PRECIP           |      |   |      |     |       |      |      |
| FROZEN<br>PRECIP             |      |   |      |     |       |      |      |
| FOG                          |      |   |      |     | 100.0 |      | 1    |
| FOG WITH VIS<br>GE 1/2 MILES |      |   |      |     | 100.0 |      | 1    |
| TOTAL OBS                    | 450  | 0 | 341  | 178 | 3113  | 758  | 4840 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: 1 R 79 - FEB 89  
MONTH: JUL HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|
| TSTMS                        | 8.3  |          | 16.7      | 27.8      | 27.8      | 19.4      | 36        |
| LIQUID<br>PRECIP             |      |          | 28.6      | 21.4      | 50.0      |           | 14        |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |
| FROZEN<br>PRECIP             |      |          |           |           |           |           |           |
| FOG                          |      |          |           |           |           |           |           |
| FOG WITH VIS<br>GE 1/2 MILES |      |          |           |           |           |           |           |
| TOTAL OBS                    | 438  | 0        | 251       | 287       | 3402      | 513       | 0 4891    |

MONTH: AUG HOURS: ALL

|                              |      |   |      |      |      |      |        |
|------------------------------|------|---|------|------|------|------|--------|
| TSTMS                        | 2.9  |   | 8.8  | 32.4 | 47.1 | 8.8  | 34     |
| LIQUID<br>PRECIP             | 3.6  |   | 10.7 | 25.0 | 46.4 | 14.3 | 28     |
| FREEZING<br>PRECIP           |      |   |      |      |      |      |        |
| FROZEN<br>PRECIP             |      |   |      |      |      |      |        |
| FOG                          | 16.7 |   |      |      | 83.3 |      | 6      |
| FOG WITH VIS<br>GE 1/2 MILES | 16.7 |   |      |      | 83.3 |      | 6      |
| TOTAL OBS                    | 680  | 0 | 282  | 307  | 3275 | 455  | 0 4999 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|
| TSTMS                        | 2.9  |          | 26.5      | 17.6      | 26.5      | 26.5      | 34        |
| LIQUID<br>PRECIP             | 11.8 |          | 11.8      | 14.7      | 50.0      | 11.8      | 34        |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |
| FROZEN<br>PRECIP             |      |          |           |           |           |           |           |
| FOG                          | 15.0 |          |           | 15.0      | 60.0      | 10.0      | 20        |
| FOG WITH VIS<br>GE 1/2 MILES | 15.0 |          |           | 15.0      | 60.0      | 10.0      | 20        |
| TOTAL OBS                    | 980  | 0        | 490       | 290       | 2379      | 624       | 4763      |

MONTH: OCT HOURS: ALL

|                              |      |      |     |      |      |     |   |      |
|------------------------------|------|------|-----|------|------|-----|---|------|
| TSTMS                        | 7.7  | 23.1 | 7.7 | 30.8 | 30.8 | 13  |   |      |
| LIQUID<br>PRECIP             | 12.2 | 34.7 |     | 40.8 | 12.2 | 49  |   |      |
| FREEZING<br>PRECIP           |      |      |     |      |      |     |   |      |
| FROZEN<br>PRECIP             |      |      |     |      |      |     |   |      |
| FOG                          | 30.8 | 34.6 | 3.8 | 15.4 | 15.4 | 26  |   |      |
| FOG WITH VIS<br>GE 1/2 MILES | 30.8 | 34.6 | 3.8 | 15.4 | 15.4 | 26  |   |      |
| TOTAL OBS                    | 1383 | 0    | 967 | 299  | 1574 | 779 | 0 | 5002 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: ALL

| PHENOMENA                    | CALM | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |      |
|------------------------------|------|----------|-----------|-----------|-----------|-----------|-----------|------|
| TSTMS                        |      |          |           | 12.5      | 62.5      | 25.0      | 8         |      |
| LIQUID<br>PRECIP             | 14.9 |          | 13.4      | 9.0       | 40.3      | 22.4      | 67        |      |
| FREEZING<br>PRECIP           |      |          |           |           |           |           |           |      |
| FROZEN<br>PRECIP             | 33.3 |          | 33.3      | 33.3      |           |           | 3         |      |
| FOG                          | 33.3 |          | 11.1      | 22.2      |           | 33.3      | 9         |      |
| FOG WITH VIS<br>GE 1/2 MILES | 16.7 |          | 16.7      | 33.3      |           | 33.3      | 6         |      |
| TOTAL OBS                    | 1426 | 0        | 703       | 209       | 1479      | 884       | 0         | 4701 |

MONTH: DEC HOURS: ALL

|                              |       |   |      |     |      |      |     |      |
|------------------------------|-------|---|------|-----|------|------|-----|------|
| TSTMS                        | 100.0 |   |      |     |      |      | 1   |      |
| LIQUID<br>PRECIP             | 17.6  |   | 31.5 | 4.6 | 28.7 | 17.6 | 108 |      |
| FREEZING<br>PRECIP           |       |   |      |     |      |      |     |      |
| FROZEN<br>PRECIP             | 5.9   |   | 79.4 | 2.9 |      | 11.8 | 34  |      |
| FOG                          | 42.4  |   | 20.7 | 3.3 | 21.2 | 12.5 | 184 |      |
| FOG WITH VIS<br>GE 1/2 MILES | 40.6  |   | 22.6 | 3.9 | 20.0 | 12.9 | 155 |      |
| TOTAL OBS                    | 1905  | 0 | 754  | 163 | 1097 | 746  | 0   | 4665 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTHS: ALL

| PHENOMENA                    | CALM  | VARIABLE | 360 - 089 | 090 - 179 | 180 - 269 | 270 - 359 | NO OF OBS |
|------------------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|
| TSTMS                        | 5.9   |          | 18.2      | 18.2      | 37.6      | 20.0      | 170       |
| LIQUID<br>PRECIP             | 11.5  |          | 19.6      | 9.2       | 42.4      | 17.3      | 924       |
| FREEZING<br>PRECIP           |       |          |           |           |           |           |           |
| FROZEN<br>PRECIP             | 6.1   |          | 74.2      | 3.0       | 4.5       | 12.1      | 66        |
| FOG                          | 36.8  |          | 19.6      | 6.3       | 23.2      | 14.1      | 475       |
| FOG WITH VIS<br>GE 1/2 MILES | 34.6  |          | 20.3      | 7.2       | 23.6      | 14.3      | 419       |
| TOTAL OBS                    | 12343 | 0        | 7388      | 2980      | 25945     | 9327      | 0 57983   |



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

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

#### PERCENT OCCURRENCE FREQUENCY.

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

#### MONTHLY TOTALS.

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

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF 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  
SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| AMOUNTS<br>(INCHES)          | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANN   |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| NONE                         | 81.9 | 81.7 | 81.1 | 87.1 | 93.8 | 97.2 | 93.0 | 93.2 | 93.0 | 92.7 | 88.4 | 83.9 | 88.9  |
| TRACE                        | 5.4  | 5.9  | 6.5  | 6.1  | 4.0  | 1.3  | 4.5  | 3.6  | 4.1  | 2.9  | 4.0  | 6.6  | 4.6   |
| .01                          | .8   | 1.5  | 1.4  | 1.1  | .4   | .2   | .7   | .3   | .4   | .6   | .7   | .8   | .7    |
| .02-.05                      | 2.4  | 2.4  | 2.5  | 1.7  | .5   | .6   | .8   | 1.0  | .9   | 1.1  | 1.9  | 2.2  | 1.5   |
| .06-.10                      | 2.2  | 1.5  | 2.0  | 1.1  | .7   | .2   | .5   | .5   | .3   | .8   | .6   | 1.1  | 1.0   |
| .11-.25                      | 3.3  | 2.8  | 3.3  | 1.8  | .6   | .4   | .4   | .5   | .6   | 1.0  | 1.7  | 2.0  | 1.5   |
| .26-.50                      | 2.3  | 2.4  | 1.9  | .7   |      | .1   | .1   | .5   | .4   | .4   | 1.4  | 2.1  | 1.0   |
| .51-1.00                     | 1.4  | 1.3  | 1.1  | .3   | .1   |      |      | .3   | .2   | .3   | 1.2  | 1.0  | .6    |
| 1.01-2.50                    | .2   | .4   | .1   | .1   |      |      |      |      | .1   | .1   | .1   | .3   | .1    |
| 2.51-5.00                    | .1   |      | .1   |      |      |      |      |      |      |      |      |      | .0    |
| 5.01-10.00                   |      |      |      |      |      |      |      |      |      |      |      |      |       |
| 10.01-20.00                  |      |      |      |      |      |      |      |      |      |      |      |      |       |
| OVER 20.00                   |      |      |      |      |      |      |      |      |      |      |      |      |       |
| DAYS WITH<br>MEAS AMT\$      | 12.6 | 12.4 | 12.4 | 6.8  | 2.3  | 1.5  | 2.6  | 3.2  | 2.8  | 4.4  | 7.6  | 9.5  | 6.5   |
| TOTAL NO. OF<br>OBSERVATIONS | 1472 | 1355 | 1457 | 1408 | 1457 | 1410 | 1450 | 1457 | 1407 | 1457 | 1399 | 1435 | 17164 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 42   | .00   | .00   | .30   | .37   | .00   | .00   | TRACE | .33   | .00   | 1.15  | TRACE | .25   | 2.40   |
| 43   | 3.31  | 1.23  | 1.91  | .31   | .00   | .00   | TRACE | .00   | .78   | .05   | .05   | 3.71  | 11.35  |
| 44   | .14   | 4.40  | .77   | .05   | TRACE | .00   | .00   | .00   | .00   | .00   | 1.72  | .23   | 7.31   |
| 45   | .51   | 1.38  | .43   | .06   | .00   | .00   | .11   | .05   | .27   | 1.65  | TRACE | 1.51  | 5.97   |
| 46   | .03   | .69   | 1.25  | .02   | TRACE | .00   | .21   | TRACE | TRACE | .06   | .85   | .76   | 3.87   |
| 47   | .14   | .05   | .08   | .28   | .14   | .00   | .00   | TRACE | TRACE | .05   | TRACE | .91   | 1.65   |
| 48   | TRACE | .37   | .59   | .13   | TRACE | .21   | .00   | .00   | .00   | .15   | .00   | .60   | 2.05   |
| 49   | 1.26  | .13   | .27   | TRACE | .18   | .00   | TRACE | .05   | TRACE | TRACE | .23   | .66   | 2.78   |
| 50   | .30   | .39   | .59   | TRACE | .11   | .00   | .05   | .00   | .04   | TRACE | .02   | .02   | 1.52   |
| 51   | .49   | .08   | .02   | .35   | .07   | TRACE | TRACE | .00   | TRACE | .46   | .09   | 1.61  | 3.17   |
| 52   | 3.16  | .18   | 2.32  | .54   | .00   | .00   | .04   | TRACE | .34   | .00   | 1.19  | 1.27  | 9.04   |
| 53   | .06   | .05   | .03   | .27   | .25   | .00   | .00   | TRACE | TRACE | .00   | .13   | .06   | .85    |
| 54   | 1.81  | .52   | 1.07  | .00   | .00   | TRACE | TRACE | .00   | TRACE | .00   | 1.25  | .33   | 4.98   |
| 55   | 1.56  | .24   | TRACE | .10   | .02   | .00   | TRACE | TRACE | .00   | .00   | .05   | .24   | 2.21   |
| 56   | 1.20  | .03   | TRACE | .65   | TRACE | .00   | TRACE | .00   | .00   | .14   | .00   | TRACE | 2.02   |
| 57   | 2.05  | .76   | .45   | .13   | TRACE | .00   | TRACE | .00   | .01   | .96   | .15   | .68   | 5.19   |
| 58   | .22   | 1.97  | 1.69  | 1.29  | .00   | .00   | .05   | .10   | TRACE | .04   | .10   | .00   | 5.46   |
| 59   | .26   | .94   | .00   | .03   | .00   | .00   | TRACE | .28   | .30   | .12   | TRACE | .83   | 2.76   |
| 60   | .58   | .51   | TRACE | .26   | TRACE | TRACE | TRACE | .00   | TRACE | .55   | .51   | .05   | 2.46   |
| 61   | .16   | .00   | .12   | TRACE | .00   | .00   | TRACE | .38   | .00   | TRACE | 1.00  | .49   | 2.15   |
| 62   | .69   | 3.27  | .33   | .00   | .01   | .00   | .00   | .00   | TRACE | .06   | TRACE | TRACE | 4.36   |
| 63   | .10   | .59   | .47   | .31   | TRACE | .26   | .00   | .24   | 1.11  | .33   | .88   | .05   | 4.34   |
| 64   | .48   | TRACE | .26   | .21   | .10   | TRACE | TRACE | TRACE | .01   | .13   | .90   | TRACE | 2.09   |
| 65   | .03   | .01   | .78   | 1.52  | TRACE | .03   | .16   | 1.01  | TRACE | .00   | 3.45  | 2.12  | 9.11   |
| 66   | .51   | .66   | .16   | .00   | TRACE | TRACE | TRACE | TRACE | .45   | .03   | .53   | .61   | 2.95   |
| 67   | 1.18  | TRACE | .46   | .95   | TRACE | .00   | .01   | TRACE | .63   | .00   | 2.82  | .60   | 6.65   |
| 68   | .08   | .54   | .36   | .13   | TRACE | .02   | .16   | .19   | TRACE | .02   | .15   | .13   | 1.78   |
| 69   | 2.20  | 3.02  | .20   | .33   | .18   | .05   | TRACE | TRACE | .03   | TRACE | .49   | .00   | 6.50   |
| 70   | .08   | .50   | .32   | TRACE | .00   | .00   | .40   | .03   | .00   | .00   | 1.61  | .80   | 3.74   |
| 71   | TRACE | .15   | .17   | .56   | .15   | .00   | .02   | .56   | .05   | .00   | .02   | 1.76  | 3.44   |
| 72   | .00   | TRACE | .00   | TRACE | .06   | .20   | .00   | .01   | .04   | .07   | .97   | .28   | 1.63   |
| 73   | 1.00  | 2.13  | 1.19  | .02   | .02   | .00   | TRACE | .15   | .00   | TRACE | .44   | .03   | 4.98   |
| 74   | 2.21  | TRACE | .47   | .11   | .21   | .00   | .45   | .56   | .00   | .98   | TRACE | .78   | 5.77   |
| 75   | TRACE | .34   | .85   | .32   | .04   | .00   | .07   | .00   | .14   | .14   | TRACE | .01   | 1.91   |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 76        | .00   | .93   | .32   | .13   | .01   | .00   | .20   | .00   | 1.32  | TRACE | .23   | TRACE | 3.14   |
| 77        | 1.65  | TRACE | .67   | TRACE | .72   | .31   | .00   | .95   | .00   | .05   | TRACE | 1.43  | 5.78   |
| 78        | 1.79  | 4.01  | 2.53  | .58   | TRACE | .00   | TRACE | .14   | .63   | .15   | .15   | .75   | 10.73  |
| 79        | 5.53  | 1.10  | 2.68  | .00   | .20   | .00   | .03   | 1.12  | .4    | .16   | .02   | .06   | 10.94  |
| 80        | 2.53  | 3.86  | 2.00  | .15   | .06   | TRACE | .09   | .00   | .00   | .00   | .00   | .09   | 8.78   |
| 81        | 1.01  | .63   | 2.48  | .03   | .17   | .00   | .00   | TRACE | TRACE | .76   | 1.02  | TRACE | 6.10   |
| 82        | 1.14  | .44   | 2.48  | 1.76  | .08   | .38   | .14   | .02   | .40   | .10   | 2.02  | 1.00  | 9.96   |
| 83        | 2.16  | 2.59  | 5.68  | .48   | TRACE | .00   | .00   | 1.79  | .17   | .80   | .51   | 1.50  | 15.68  |
| 84        | .00   | TRACE | .19   | TRACE | TRACE | .03   | .17   | .04   | .11   | .00   | .55   | 4.42  | 5.51   |
| 85        | .30   | .07   | TRACE | .00   | .14   | TRACE | .08   | .00   | .21   | .12   | 1.16  | .27   | 2.35   |
| 86        | .90   | 1.08  | 1.89  | .05   | .00   | .00   | TRACE | TRACE | TRACE | .04   | .48   | .43   | 4.87   |
| 87        | .59   | .11   | .62   | .02   | TRACE | .19   | TRACE | .02   | .59   | 1.46  | 1.09  | 1.31  | 6.00   |
| 88        | 1.44  | .23   | .14   | .66   | .07   | .07   | .13   | .42   | .00   | .00   | .11   | .55   | 3.82   |
| 89        | .36   | .37   |       |       |       |       |       |       |       |       |       |       | .73*   |
| .....     |       |       |       |       |       |       |       |       |       |       |       |       |        |
| LEAST     | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .85    |
| GREATEST  | 5.53  | 4.40  | 5.68  | 1.76  | .72   | .38   | .45   | 1.79  | 1.32  | 1.65  | 3.45  | 4.42  | 15.68  |
| MEAN      | .94   | .84   | .84   | .28   | .06   | .04   | .05   | .18   | .16   | .23   | .57   | .71   | 4.94   |
| MEDIAN    | .51   | .42   | .45   | .13   | TRACE | .00   | TRACE | TRACE | TRACE | .05   | .23   | .49   | 4.34   |
| SD        | 1.119 | 1.156 | 1.081 | .400  | .121  | .090  | .100  | .366  | .303  | .407  | .764  | .909  | 3.204  |
| .....     |       |       |       |       |       |       |       |       |       |       |       |       |        |
| TOTAL OBS | 1472  | 1355  | 1457  | 1408  | 1457  | 1410  | 1450  | 1457  | 1407  | 1457  | 1399  | 1435  | 17164  |
| .....     |       |       |       |       |       |       |       |       |       |       |       |       |        |

THE GREATEST VALUE OF 5.68 OCCURRED ON 03/83

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 42   | .00   | .00   | .30   | .12   | .00   | .00   | TRACE | .30   | .00   | 1.15  | TRACE | .15   | 1.15   |
| 43   | 2.43  | .69   | 1.46  | .19   | .00   | .00   | TRACE | .00   | .78   | .05   | .05   | 1.12  | 2.43   |
| 44   | .11   | 2.49  | .33   | .05   | TRACE | .00   | .00   | .00   | .00   | .00   | .67   | .16   | 2.49   |
| 45   | .51   | .68   | .15   | .06   | .00   | .00   | .11   | .03   | .27   | 1.28  | TRACE | .58   | 1.28   |
| 46   | .02   | .35   | .97   | .02   | TRACE | .00   | .21   | TRACE | TRACE | .06   | .36   | .37   | .97    |
| 47   | .14   | .05   | .08   | .28   | .14   | .00   | .00   | TRACE | TRACE | .05   | TRACE | .80   | .80    |
| 48   | TRACE | .35   | .25   | .11   | TRACE | .21   | .00   | .00   | .00   | .08   | .00   | .31   | .35    |
| 49   | .43   | .07   | .20   | TRACE | .18   | .00   | TRACE | .05   | TRACE | TRACE | .23   | .35   | .43    |
| 50   | .30   | .30   | .56   | TRACE | .11   | .00   | .05   | .00   | .04   | TRACE | .02   | .02   | .56    |
| 51   | .24   | .04   | .02   | .14   | .07   | TRACE | TRACE | .00   | TRACE | .46   | .09   | .51   | .51    |
| 52   | .74   | .17   | .91   | .34   | .00   | .00   | .02   | TRACE | .30   | .00   | .80   | .54   | .91    |
| 53   | .06   | .05   | .02   | .27   | .25   | .00   | .00   | TRACE | TRACE | .00   | .13   | .06   | .27    |
| 54   | 1.02  | .52   | .46   | .00   | .00   | TRACE | TRACE | .00   | TRACE | .00   | .92   | .27   | 1.02   |
| 55   | .49   | .11   | TRACE | .06   | .01   | .00   | TRACE | TRACE | .00   | .00   | .03   | .20   | .49    |
| 56   | .56   | .03   | TRACE | .62   | TRACE | .00   | TRACE | .00   | .00   | .09   | .00   | TRACE | .62    |
| 57   | .92   | .46   | .34   | .13   | TRACE | .00   | TRACE | .00   | .01   | .32   | .15   | .32   | .92    |
| 58   | .17   | .63   | .57   | .55   | .00   | .00   | .05   | .10   | TRACE | .03   | .10   | .00   | .63    |
| 59   | .24   | .32   | .00   | .02   | .00   | .00   | TRACE | .28   | .25   | .12   | TRACE | .39   | .39    |
| 60   | .26   | .27   | TRACE | .26   | TRACE | TRACE | TRACE | .00   | TRACE | .55   | .18   | .05   | .55    |
| 61   | .16   | .00   | .08   | TRACE | .00   | .00   | TRACE | .22   | .00   | TRACE | .58   | .38   | .58    |
| 62   | .38   | 1.27  | .17   | .00   | .01   | .00   | .00   | .00   | TRACE | .06   | TRACE | TRACE | 1.27   |
| 63   | .06   | .59   | .27   | .14   | TRACE | .15   | .00   | .16   | .50   | .16   | .67   | .05   | .67    |
| 64   | .38   | TRACE | .07   | .21   | .07   | TRACE | TRACE | TRACE | .01   | .08   | .51   | TRACE | .51    |
| 65   | .03   | .01   | .35   | .64   | TRACE | .02   | .06   | .91   | TRACE | .00   | 1.49  | 1.57  | 1.57   |
| 66   | .51   | .66   | .09   | .00   | TRACE | TRACE | TRACE | TRACE | .23   | .03   | .53   | .36   | .66    |
| 67   | .85   | TRACE | .35   | .25   | TRACE | .00   | .01   | TRACE | .60   | .00   | 1.04  | .30   | 1.04   |
| 68   | .08   | .39   | .24   | .13   | TRACE | .02   | .12   | .16   | TRACE | .01   | .14   | .08   | .39    |
| 69   | .39   | .89   | .15   | .22   | .11   | .03   | TRACE | TRACE | .03   | TRACE | .49   | .00   | .89    |
| 70   | .05   | .34   | .13   | TRACE | .00   | .00   | .37   | .03   | .00   | .00   | .83   | .49   | .83    |
| 71   | TRACE | .09   | .17   | .45   | .12   | .00   | .02   | .56   | .05   | .00   | .02   | .78   | .78    |
| 72   | .00   | TRACE | .00   | TRACE | .06   | .14   | .00   | .01   | .04   | .04   | .39   | .26   | .39    |
| 73   | .68   | .95   | .35   | .02   | .02   | .00   | TRACE | .08   | .00   | TRACE | .18   | .02   | .95    |
| 74   | .64   | TRACE | .21   | .08   | .10   | .00   | .36   | .40   | .00   | .87   | TRACE | .71   | .87    |
| 75   | TRACE | .31   | .45   | .31   | .04   | .00   | .07   | .00   | .11   | .14   | TRACE | .01   | .45    |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN  | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 76   | .00  | .29   | .19   | .05   | .01   | .00   | .15   | .00   | 1.22  | TRACE | .23   | TRACE | 1.22   |
| 77   | .57  | TRACE | .46   | TRACE | .60   | .17   | .00   | .75   | .00   | .04   | TRACE | .65   | .75    |
| 78   | .50  | 1.21  | .84   | .20   | TRACE | .00   | TRACE | .09   | .63   | .09   | .06   | .54   | 1.21   |
| 79   | 2.72 | .42   | .78   | .00   | .20   | .00   | .03   | .90   | .04   | .16   | .02   | .06   | 2.72   |
| 80   | 1.03 | 1.37  | .62   | .10   | .04   | TRACE | .08   | .00   | .00   | .00   | .00   | .09   | 1.37   |
| 81   | .40  | .26   | 1.00  | .02   | .17   | .00   | .00   | TRACE | TRACE | .53   | .77   | TRACE | 1.00   |
| 82   | .50  | .44   | 1.05  | 1.18  | .08   | .37   | .12   | .01   | .22   | .06   | .82   | .43   | 1.18   |
| 83   | .93  | 1.32  | 3.38  | .29   | TRACE | .00   | .00   | .57   | .10   | .32   | .47   | 1.30  | 3.38   |
| 84   | .00  | TRACE | .13   | TRACE | TRACE | .03   | .09   | .04   | .08   | .00   | .21   | 1.02  | 1.02   |
| 85   | .10  | .06   | TRACE | .00   | .07   | TRACE | .08   | .00   | .21   | .07   | .48   | .17   | .48    |
| 86   | .43  | .80   | .71   | .05   | .00   | .00   | TRACE | TRACE | TRACE | .0    | .46   | .28   | .80    |
| 87   | .33  | .04   | .23   | .02   | TRACE | .19   | TRACE | .02   | .37   | .67   | .45   | .66   | .67    |
| 88   | .86  | .20   | .10   | .28   | .07   | .03   | .13   | .42   | .00   | .00   | .11   | .35   | .86    |
| 89   | .15  | .25   |       |       |       |       |       |       |       |       |       |       | .25*   |

|           |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| GREATEST  | 2.72 | 2.49 | 3.38 | 1.18 | .60  | .37  | .37  | .91  | 1.22 | 1.28 | 1.49 | 1.57 | 3.38  |
| TOTAL OBS | 1472 | 1355 | 1457 | 1408 | 1457 | 1410 | 1450 | 1457 | 1407 | 1457 | 1399 | 1435 | 17164 |

THE GREATEST VALUE OF 3.38 OCCURRED ON 03/01/83

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



OPERATING LOCATION 'A':  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| AMOUNTS<br>(INCHES)          | JAN  | FEB  | MAR  | APR  | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV  | DEC  | ANN   |
|------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|-------|
| NONE                         | 97.0 | 98.4 | 97.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.7 | 99.2  |
| TRACE                        | 1.7  | 1.2  | 1.9  | .2   |       |       |       |       |       |       | .2   | 1.6  | .6    |
| 0.1-0.4                      | .3   | .2   | .2   |      |       |       |       |       |       |       |      | .2   | .1    |
| 0.5-1.4                      | .2   | .2   | .3   |      |       |       |       |       |       |       |      | .3   | .1    |
| 1.5-2.4                      | .4   | .1   |      |      |       |       |       |       |       |       |      |      | .0    |
| 2.5-3.4                      | .1   |      |      |      |       |       |       |       |       |       | .1   |      | .0    |
| 3.5-4.4                      | .1   |      |      |      |       |       |       |       |       |       | .1   | .1   | .0    |
| 4.5-6.4                      | .1   |      |      |      |       |       |       |       |       |       |      | .2   | .0    |
| 6.5-10.4                     | .1   |      |      |      |       |       |       |       |       |       |      |      | .0    |
| 10.5-15.4                    |      |      |      |      |       |       |       |       |       |       |      |      |       |
| 15.5-25.4                    |      |      |      |      |       |       |       |       |       |       |      |      |       |
| 25.5-50.4                    |      |      |      |      |       |       |       |       |       |       |      |      |       |
| OVER 50.4                    |      |      |      |      |       |       |       |       |       |       |      |      |       |
| DAYS WITH<br>MEAS AMTS       | 1.3  | .4   | .5   |      |       |       |       |       |       |       | .2   | .7   | .3    |
| TOTAL NO. OF<br>OBSERVATIONS | 1349 | 1243 | 1333 | 1288 | 1333  | 1290  | 1326  | 1333  | 1287  | 1333  | 1279 | 1311 | 15705 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN   | FEB   | MAR   | APR   | MAY | JUN | JUL | AUG | SEP | OCT | NOV   | DEC   | ANNUAL |
|------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-------|-------|--------|
| 46   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .0    | TRACE  |
| 47   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 48   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 49   | 11.5  | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 11.5   |
| 50   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 51   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 52   | .2    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .2     |
| 53   | .0    | .4    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | .4     |
| 54   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 55   | .4    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | .4     |
| 56   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 57   | 3.8   | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 3.8    |
| 58   | .0    | .0    | .7    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .0    | .7     |
| 59   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 60   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 61   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 62   | 5.3   | TRACE | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 5.3    |
| 63   | .0    | .0    | 1.4   | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 1.4    |
| 64   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | 3.8   | TRACE | 3.8    |
| 65   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 66   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 67   | .0    | .0    | .0    | TRACE | .0  | .0  | .0  | .0  | .0  | .0  | .0    | 4.9   | 4.9    |
| 68   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 69   | .0    | TRACE | .8    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .8     |
| 70   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 71   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 72   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .2    | .2     |
| 73   | .0    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 74   | 8.3   | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .1    | 8.4    |
| 75   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 76   | .0    | TRACE | .1    | TRACE | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .1     |
| 77   | TRACE | .0    | .8    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .8     |
| 78   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 79   | 8.5   | .8    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 9.3    |
| 80   | .0    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN   | FEB   | MAR   | APR   | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|--------|
| 81        | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0     |
| 82        | TRACE | .0    | TRACE | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE  |
| 83        | .0    | TRACE | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE  |
| 84        | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 5.5   | 5.3    |
| 85        | .0    | .0    | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0   | 3.0  | 1.0   | 4.0    |
| 86        | .0    | TRACE | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE  |
| 87        | .0    | .2    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 8.6   | 8.8    |
| 88        | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE  |
| 89        | TRACE | 2.6   |       |       |      |      |      |      |      |      |      |       | 2.6*   |
| LEAST     | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0     |
| GREATEST  | 11.5  | 2.6   | 1.4   | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | 3.8  | 8.6   | 11.5   |
| MEAN      | .9    | .1    | .1    | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | .1   | .5    | 1.6    |
| MEDIAN    | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE  |
| SD        | 2.567 | .410  | .285  | .000  | .000 | .000 | .000 | .000 | .000 | .000 | .730 | 1.674 | 3.015  |
| TOTAL OBS | 1349  | 1243  | 1333  | 1288  | 1333 | 1290 | 1326 | 1333 | 1287 | 1333 | 1279 | 1311  | 15705  |

THE GREATEST VALUE OF 11.5 OCCURRED ON 01/49

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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN   | FEB   | MAR   | APR   | MAY | JUN | JUL | AUG | SEP | OCT | NOV   | DEC   | ANNUAL |
|------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-------|-------|--------|
| 46   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .0    | TRACE  |
| 47   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 48   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 49   | 4.3   | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 4.3    |
| 50   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 51   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 52   | .2    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .2     |
| 53   | .0    | .4    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | .4     |
| 54   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 55   | .3    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | .3     |
| 56   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 57   | 2.3   | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 2.3    |
| 58   | .0    | .0    | .6    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .0    | .6     |
| 59   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 60   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 61   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 62   | 3.8   | TRACE | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 3.8    |
| 63   | .0    | .0    | 1.4   | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 1.4    |
| 64   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | 3.8   | TRACE | 3.8    |
| 65   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 66   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 67   | .0    | .0    | .0    | TRACE | .0  | .0  | .0  | .0  | .0  | .0  | .0    | 4.3   | 4.3    |
| 68   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 69   | .0    | TRACE | .8    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .8     |
| 70   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 71   | TRACE | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | TRACE | TRACE  |
| 72   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | TRACE | .2    | .2     |
| 73   | .0    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 74   | 6.2   | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .1    | 6.2    |
| 75   | TRACE | TRACE | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |
| 76   | .0    | TRACE | .1    | TRACE | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .1     |
| 77   | TRACE | .0    | .8    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .8     |
| 78   | .0    | .0    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | .0     |
| 79   | 6.5   | .8    | .0    | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | 6.5    |
| 80   | .0    | .0    | TRACE | .0    | .0  | .0  | .0  | .0  | .0  | .0  | .0    | .0    | TRACE  |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 23016

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8702  
MONTH: ALL HOURS: ALL

| YEAR      | JAN   | FEB   | MAR   | APR   | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|--------|
| 81        | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0     |
| 82        | TRACE | .0    | TRACE | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE  |
| 83        | .0    | TRACE | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE  |
| 84        | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 5.3   | 5.3    |
| 85        | .0    | .0    | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0   | 3.0  | 1.0   | 3.0    |
| 86        | .0    | TRACE | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE  |
| 87        | .0    | .2    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 6.3   | 6.3    |
| 88        | .0    | 0     | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE  |
| 89        | TRACE | 1.8   |       |       |      |      |      |      |      |      |      |       | 1.8*   |
| .....     |       |       |       |       |      |      |      |      |      |      |      |       |        |
| GREATEST  | 6.5   | 1.8   | 1.4   | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | 3.8  | 6.3   | 6.5    |
| .....     |       |       |       |       |      |      |      |      |      |      |      |       |        |
| TOTAL OBS | 1349  | 1243  | 1333  | 1288  | 1333 | 1290 | 1326 | 1333 | 1287 | 1333 | 1279 | 1311  | 15705  |
| .....     |       |       |       |       |      |      |      |      |      |      |      |       |        |

THE GREATEST VALUE OF 6.5 OCCURRED ON 01/31/79

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| AMOUNTS<br>(INCHES)          | JAN  | FEB  | MAR  | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV  | DEC  | ANN   |
|------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|
| NONE                         | 98.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.4 | 99.8  |
| TRACE                        | .3   | .2   | .2   |       |       |       |       |       |       |       |      | .3   | .1    |
| 1                            | .5   | .1   | .1   |       |       |       |       |       |       |       | .1   | .1   | .1    |
| 2                            | .2   |      |      |       |       |       |       |       |       |       | .1   | .1   | .0    |
| 3                            | .1   |      |      |       |       |       |       |       |       |       |      | .1   | .0    |
| 4-6                          | .1   | .1   |      |       |       |       |       |       |       |       |      |      | .0    |
| 7-12                         | .1   |      |      |       |       |       |       |       |       |       |      |      | .0    |
| 13-24                        |      |      |      |       |       |       |       |       |       |       |      |      |       |
| 25-36                        |      |      |      |       |       |       |       |       |       |       |      |      |       |
| 37-48                        |      |      |      |       |       |       |       |       |       |       |      |      |       |
| 49-60                        |      |      |      |       |       |       |       |       |       |       |      |      |       |
| 61-120                       |      |      |      |       |       |       |       |       |       |       |      |      |       |
| OVER 120                     |      |      |      |       |       |       |       |       |       |       |      |      |       |
| DAYS WITH<br>MEAS AMTS       | 1.0  | .2   | .1   |       |       |       |       |       |       |       | .2   | .3   | .2    |
| TOTAL NO. OF<br>OBSERVATIONS | 1473 | 1356 | 1457 | 1408  | 1457  | 1410  | 1450  | 1457  | 1407  | 1457  | 1399 | 1435 | 17166 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN   | FEB | MAR   | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV   | DEC   | ANNUAL |
|------|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-------|-------|--------|
| 42   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 43   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 44   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 45   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 46   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 47   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 48   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 49   | 3     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 3      |
| 50   | TRACE | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | TRACE  |
| 51   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 52   | TRACE | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | TRACE  |
| 53   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 54   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 55   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 56   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 57   | 2     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 2      |
| 58   | 0     | 0   | TRACE | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | TRACE  |
| 59   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 60   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 61   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 62   | 3     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 3      |
| 63   | 0     | 0   | TRACE | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | TRACE  |
| 64   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2     | 0     | 2      |
| 65   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 66   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 67   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 3     | 3      |
| 68   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 69   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 70   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 71   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 72   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | TRACE | TRACE | TRACE  |
| 73   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |
| 74   | 9     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 9      |
| 75   | 0     | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     | 0      |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN  | FEB   | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   | ANNUAL |
|-----------|------|-------|-------|------|------|------|------|------|------|------|------|-------|--------|
| 76        | 0    | 0     | TRACE | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | TRACE  |
| 77        | 0    | 0     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 1      |
| 78        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      |
| 79        | 4    | 5     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 5      |
| 80        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      |
| 81        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      |
| 82        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      |
| 83        | 0    | TRACE | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | TRACE  |
| 84        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2     | 2      |
| 85        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | TRACE | TRACE  |
| 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    | 3     | 3      |
| 88        | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      |
| 89        | 0    | 1     |       |      |      |      |      |      |      |      |      |       | 1*     |
| GREATEST  | 9    | 5     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 3     | 9      |
| TOTAL OBS | 1473 | 1356  | 1457  | 1408 | 1457 | 1410 | 1450 | 1457 | 1407 | 1457 | 1399 | 1435  | 17166  |

THE GREATEST VALUE OF 9 OCCURRED ON 01/05/74

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: 723810

STATION NAME: EDWARDS AFB CA

PERIOD OF RECORD: 4201-8902  
SNOW-YEAR: 1 AUG - 31 JUL

| SNOW-YEAR | FIRST<br>SNOWFALL | FIRST<br>MEASURABLE<br>SNOWFALL | FIRST<br>MEASURABLE<br>SNOW DEPTH | LAST<br>SNOWFALL | LAST<br>MEASURABLE<br>SNOWFALL | LAST<br>MEASURABLE<br>SNOW DEPTH |
|-----------|-------------------|---------------------------------|-----------------------------------|------------------|--------------------------------|----------------------------------|
| 46 - 47   | NOV 13            |                                 |                                   | NOV 13           |                                |                                  |
| 47 - 48   | DEC 20            |                                 |                                   | JAN 26           |                                |                                  |
| 48 - 49   | JAN 09            | JAN 09                          | JAN 10                            | MAR 24           | JAN 25                         | JAN 26                           |
| 49 - 50   | JAN 02            |                                 |                                   | JAN 12           |                                |                                  |
| 50 - 51   | JAN 30            |                                 |                                   | MAR 01           |                                |                                  |
| 51 - 52   | JAN 07            | JAN 07                          |                                   | MAR 16           | JAN 07                         |                                  |
| 52 - 53   | FEB 23            | FEB 23                          |                                   | MAR 29           | FEB 23                         |                                  |
| 53 - 54   | DEC 04            |                                 |                                   | DEC 04           |                                |                                  |
| 54 - 55   | JAN 06            | JAN 10                          |                                   | JAN 18           | JAN 18                         |                                  |
| 55 - 56   | DEC 04            |                                 |                                   | DEC 04           |                                |                                  |
| 56 - 57   | JAN 26            | JAN 27                          | JAN 28                            | JAN 29           | JAN 29                         | JAN 30                           |
| 57 - 58   | MAR 06            | MAR 06                          |                                   | MAR 11           | MAR 07                         |                                  |
| 58 - 59   | NOV 15            |                                 |                                   | NOV 15           |                                |                                  |
| 59 - 60   | DEC 31            |                                 |                                   | DEC 31           |                                |                                  |
| 60 - 61   | DEC 08            |                                 |                                   | DEC 08           |                                |                                  |
| 61 - 62   | DEC 13            | JAN 21                          | JAN 22                            | FEB 27           | JAN 22                         | JAN 23                           |
| 62 - 63   | MAR 15            | MAR 16                          |                                   | MAR 16           | MAR 16                         |                                  |
| 63 - 64   | JAN 14            |                                 |                                   | MAR 24           |                                |                                  |
| 64 - 65   | NOV 17            | NOV 17                          | NOV 18                            | DEC 28           | NOV 17                         | NOV 20                           |
| 65 - 66   | DEC 21            |                                 |                                   | MAR 02           |                                |                                  |
| 66 - 67   | APR 11            |                                 |                                   | APR 11           |                                |                                  |
| 67 - 68   | DEC 14            | DEC 14                          | DEC 15                            | DEC 19           | DEC 15                         | DEC 16                           |
| 68 - 69   | DEC 20            | MAR 10                          |                                   | MAR 13           | MAR 10                         |                                  |
| 70 - 71   | DEC 19            |                                 |                                   | JAN 02           |                                |                                  |
| 71 - 72   | DEC 27            |                                 |                                   | DEC 28           |                                |                                  |
| 72 - 73   | NOV 11            | DEC 10                          |                                   | MAR 11           | DEC 10                         |                                  |
| 73 - 74   | JAN 01            | JAN 04                          | JAN 04                            | MAR 08           | JAN 05                         | JAN 07                           |
| 74 - 75   | DEC 28            | DEC 30                          |                                   | MAR 28           | DEC 30                         |                                  |
| 75 - 76   | FEB 06            | MAR 02                          |                                   | APR 13           | MAR 02                         |                                  |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723610

STATION NAME: EDWARDS AFB CA

PERIOD OF RECORD: 4201-8902  
SNOW-YEAR: 1 AUG - 31 JUL

| SNOW-YEAR   | FIRST<br>SNOWFALL | FIRST<br>MEASURABLE<br>SNOWFALL | FIRST<br>MEASURABLE<br>SNOW DEPTH | LAST<br>SNOWFALL | LAST<br>MEASURABLE<br>SNOWFALL | LAST<br>MEASURABLE<br>SNOW DEPTH |
|-------------|-------------------|---------------------------------|-----------------------------------|------------------|--------------------------------|----------------------------------|
| 76 - 77     | JAN 07            | MAR 25                          | MAR 25                            | MAR 30           | MAR 25                         | MAR 25                           |
| 78 - 79     | JAN 05            | JAN 05                          | JAN 30                            | FEB 03           | FEB 01                         | FEB 01                           |
| 79 - 80     | MAR 25            |                                 |                                   | MAR 25           |                                |                                  |
| 81 - 82     | JAN 21            |                                 |                                   | APR 01           |                                |                                  |
| 82 - 83     | DEC 08            |                                 |                                   | FEB 02           |                                |                                  |
| 84 - 85     | DEC 18            | DEC 18                          | DEC 19                            | MAR 02           | DEC 18                         | DEC 20                           |
| 85 - 86     | NOV 11            | NOV 11                          |                                   | FEB 06           | DEC 11                         |                                  |
| 86 - 87     | FEB 25            | FEB 25                          |                                   | FEB 25           | FEB 25                         |                                  |
| 87 - 88     | DEC 16            | DEC 16                          | DEC 17                            | DEC 29           | DEC 29                         | DEC 17                           |
| 88 - 89     | DEC 15            | FEB 08                          | FEB 08                            | FEB 09           | FEB 09                         | FEB 09                           |
| MEDIAN-DATE | DEC 28            | JAN 09                          | JAN 10                            | FEB 25           | JAN 23                         | JAN 23                           |

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

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA

PERIOD OF RECORD: 4601-8902

LST TO UTC: +08

MONTH: ALL HOURS: ALL

| YEAR | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 46   | WNW 51 | *      | NW 52  | WSW 39 | WNW 45 | WSW 32 | NE 30  | W 33   | WSW 32 | WSW 35 | ENE*42 | WSW 37 | NW *52 |
| 47   | W 40   | SW 36  | WSW 42 | WSW 37 | W 42   | WSW 46 | S 38   | SSW 35 | SW 35  | SW 38  | SSW 43 | WSW*36 | WSW*46 |
| 48   | WSW*34 | *      | WSW 50 | WNW 45 | NW 45  | WNW 36 | W 35   | WSW 33 | WNW*38 | WNW 43 | NNW 47 | W *49  | WSW*50 |
| 49   | E *31  | W 45   | WNW 46 | WNW 43 | WSW 45 | NE 41  | WSW 32 | SW 33  | WSW 33 | W 37   | WNW 39 | WNW 50 | WNW*50 |
| 50   | WNW 42 | WNW 35 | SW 55  | WNW 42 | WSW 42 | SW 43  | S 41   | SSW 33 | WSW 34 | SW 34  | WNW 37 | NW 47  | SW 55  |
| 51   | WNW 41 | NW 43  | WNW 49 | WSW 43 | WSW 46 | SW 36  | W 37   | WSW 31 | WSW 30 | WNW 42 | W 48   | WNW 43 | WNW 49 |
| 52   | SSW 36 | WNW 42 | WNW 42 | SE 38  | W 38   | SW 43  | SSW 37 | WSW 31 | WNW 36 | WNW 27 | NW 36  | W 42   | SW 43  |
| 53   | WNW 42 | W 58   | WNW 53 | WSW*47 | W 43   | W 39   | SW 30  | ENE 52 | SW 33  | WSW 37 | W 43   | WNW 42 | W *58  |
| 54   | SW 37  | W *38  | WNW 48 | NW 46  | WSW 43 | WNW 36 | WNW 30 | SW *30 | WNW 32 | WNW 65 | WSW*36 | W 40   | WNW*65 |
| 55   | WNW 38 | WNW 36 | WNW 39 | NW 50  | W 42   | WNW 41 | SSE 35 | WSW 34 | SW *38 | WSW 41 | WNW 43 | NNW 46 | NW *50 |
| 56   | NW 50  | WNW 40 | WNW 42 | *      | *      | *      | *      | *      | *      | W *36  | NE 33  | W 42   | NW *50 |
| 57   | WSW*35 | WNW 32 | W 64   | W 40   | WSW 44 | W 43   | E 36   | SSW 34 | W 65   | SW 37  | WNW 47 | WNW 36 | W *65  |
| 58   | WNW 42 | WNW 38 | W 40   | NW 38  | WSW 31 | WSW 32 | W 36   | E 28   | W 31   | W 32   | WNW 35 | W 30   | WNW 42 |
| 59   | W 42   | SW 34  | WSW 40 | SW 37  | W 43   | WNW 43 | WSW 31 | ENE 34 | NW 41  | N 37   | W 32   | WNW 35 | W 43   |
| 60   | SW 26  | NW 44  | NW 45  | WNW 41 | NW 49  | SW 33  | SW 35  | WNW 35 | SW 31  | NNE 35 | WSW 33 | E 28   | NW 49  |
| 61   | WSW 29 | WNW 47 | WNW 46 | WNW 40 | WNW 41 | WNW 35 | WSW 35 | WSW 30 | SW 40  | WNW 45 | WNW 40 | WNW 45 | WNW 47 |
| 62   | SSW 40 | WSW 37 | W 43   | WNW 43 | WNW 39 | SW 34  | WNW 34 | WNW 31 | WSW 29 | W 35   | W 37   | SW 27  | W 43   |
| 63   | WSW*36 | WNW 40 | W 42   | SW 40  | WNW 40 | SW 41  | SW 33  | WSW 33 | WSW 32 | WNW 32 | W 30   | WNW 39 | W *42  |
| 64   | W 45   | W 41   | W 52   | SSW 47 | SW 40  | W 47   | W 33   | WSW 36 | NE 33  | SW 28  | W 32   | W 46   | W 52   |
| 65   | WNW 38 | W 41   | W 38   | W 32   | W 42   | SW 35  | SSW 27 | SE 31  | WSW 29 | W 34   | W 33   | SW 31  | W 42   |
| 66   | NE 31  | W 33   | W 40   | SW 37  | WSW 38 | ESE 49 | SW 35  | SW 28  | SW 35  | W 44   | SW 40  | SSW 45 | ESE 49 |
| 67   | W 46   | W 39   | SW 38  | SSW 38 | SW 35  | SW 40  | W 30   | SSW 47 | ENE 29 | W 39   | W 29   | W 37   | SSW 47 |
| 68   | WSW 36 | W 40   | SW 38  | N 50   | NW 40  | W 37   | 27/ 44 | 31/ 36 | 28/ 34 | 29/ 32 | 31/ 39 | 29/ 42 | N 50   |
| 69   | 27/ 40 | 28/ 43 | 31/ 43 | 29/ 44 | 23/ 37 | 30/ 42 | 22/ 38 | 28/ 32 | 28/ 32 | 31/ 42 | 23/ 38 | 25/ 35 | 29/ 44 |
| 70   | 27/ 40 | 29/ 38 | 33/ 48 | 29/ 43 | 29/ 44 | 27/ 51 | 18/ 37 | 17/ 35 | 23/ 34 | 28/ 39 | 29/ 44 | 26/ 34 | 27/ 51 |
| 71   | 23/ 34 | 28/ 56 | 29/ 43 | 28/ 50 | 29/ 54 | 24/ 38 | 24/ 30 | 11/ 35 | 31/ 35 | 23/ 40 | 29/ 39 | 27/ 44 | 28/ 56 |
| 72   | 28/ 40 | 29/ 50 | 28/ 47 | 30/ 45 | 23/ 38 | 23/ 36 | 25/ 37 | 20/ 38 | 26/ 32 | 02/ 37 | 30/ 38 | 30/ 39 | 29/ 50 |
| 73   | 29/ 44 | 20/ 34 | 31/ 40 | 30/ 52 | 15/ 41 | 27/ 37 | 28/ 33 | 24/ 30 | 30/ 37 | 26/ 32 | 29/ 43 | 28/ 48 | 30/ 52 |
| 74   | 29/ 37 | 30/ 43 | 25/ 35 | 30/ 37 | 29/ 36 | 27/ 28 | 30/ 27 | 13/ 48 | 24/ 30 | 31/ 33 | 29/ 36 | 30/ 43 | 13/ 48 |
| 75   | 30/ 52 | 31/ 48 | 30/ 56 | 29/ 36 | 27/ 40 | 28/ 42 | 25/ 30 | 22/ 38 | 02/ 26 | 31/ 45 | 30/ 41 | 28/ 45 | 30/ 56 |
| 76   | 29/ 37 | 27/ 40 | 29/ 46 | 29/ 45 | 29/ 41 | 23/ 33 | 26/ 32 | 25/ 34 | 17/ 42 | 07/ 33 | 29/ 37 | 23/*23 | 29/*46 |
| 77   | 30/ 36 | 29/ 40 | 29/ 4  | 30/ 38 | 28/ 36 | 24/ 32 | 25/ 30 | 11/ 36 | 21/ 30 | 26/ 27 | 23/ 34 | 26/ 35 | 29/ 49 |
| 78   | 31/ 31 | 26/ 38 | 36/ 36 | 30/ 34 | 29/ 44 | 20/ 31 | 13/ 36 | 32/ 53 | 30/ 38 | 03/ 31 | 28/ 34 | 30/ 43 | 32/ 53 |
| 79   | 29/ 39 | 26/ 45 | 30/ 37 | 30/ 52 | 29/ 38 | 29/ 35 | 12/ 51 | 25/ 38 | 25/ 30 | 30/ 45 | 29/*40 | 31/ 32 | 30/*52 |
| 80   | 28/ 46 | 29/ 46 | 29/ 41 | 05/ 47 | 24/ 38 | 25/ 34 | 23/ 30 | 23/ 32 | 27/ 35 | 27/ 36 | 26/ 41 | 23/ 31 | 05/ 47 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN      | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG      | SEP    | OCT    | NOV    | DEC    | ANN    |
|-----------|----------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| 81        | 28/ 30   | 13/ 32 | 26/ 35 | 11/*32 | 25/ 32 | 26/ 32 | 21/ 28 | 22/ 30   | 24/ 23 | 28/*29 | 27/ 28 | 27/ 37 | 27/*37 |
| 82        | 21/ 31   | 29/ 36 | 21/ 44 | 25/ 42 | 22/ 45 | 21/*37 | 23/ 30 | 09/ 32   | 28/ 39 | 28/ 33 | 27/ 46 | 36/ 45 | 27/*46 |
| 83        | 28/ 36   | 29/ 37 | 28/ 41 | 27/ 46 | 28/ 37 | 23/ 37 | 23/ 30 | 24/ 30   | 10/ 29 | 28/ 31 | 32/ 36 | 29/ 45 | 27/ 46 |
| 84        | 36/ 34   | 28/ 34 | 29/ 39 | 28/ 44 | 26/ 48 | 31/ 38 | 17/ 38 | 18/ 29   | 24/ 28 | 24/ 39 | 28/ 40 | 27/ 49 | 27/ 49 |
| 85        | 02/ 31   | 24/ 37 | 23/ 37 | 29/ 38 | 26/ 32 | 25/ 35 | 24/ 35 | 28/ 29   | 22/ 30 | 23/*33 | 24/ 43 | 29/ 34 | 24/*43 |
| 86        | 24/ 29   | 22/ 37 | 30/ 29 | 29/ 44 | 30/ 33 | 27/ 32 | 24/ 30 | 23/ 23   | 23/ 33 | 28/ 35 | 29/ 35 | 23/ 20 | 29/ 44 |
| 87        | 28/ 36   | 28/ 43 | 28/ 38 | 24/ 37 | 28/ 36 | 22/ 36 | 23/ 32 | 18/ 41   | 06/ 28 | 10/ 27 | 28/ 43 | 35/ 41 | 28/ 43 |
| 88        | 26/ 42   | 35/ 39 | 29/ 43 | 30/ 41 | 29/ 44 | 04/ 36 | 24/ 31 | 22/ 29   | 23/ 32 | 25/ 28 | 29/ 42 | 23/ 39 | 29/ 44 |
| 89        | 27/ 39   | 22/ 42 |        |        |        |        |        |          |        |        |        |        | 22/*42 |
| GREATEST  | 30/ 52 W | 58 W   | 64     | 30/ 52 | 29/ 54 | 27/ 51 | 12/ 51 | 32/ 53 W | 65 WNW | 65 W   | 48 WNW | 50 WNW | 65 WNW |
| TOTAL OBS | 1296     | 1174   | 1325   | 1239   | 1299   | 1246   | 1290   | 1291     | 1234   | 1271   | 1248   | 1284   | 15197  |

THE PEAK WIND OF 65 FROM WNW OCCURRED ON 10/23/54

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4601-8902  
MONTH: ALL HOURS: ALL

| MONTH  | WIND SPEEDS IN KNOTS |      |       |       |       |       |       |       |       |       |       | MEAN MEDIAN |      | TOTAL<br>OBS |
|--------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------|--------------|
|        | CALM-4               | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | WIND        | WIND |              |
| JAN    | 3.7                  | 30.8 | 16.4  | 11.3  | 13.1  | 9.4   | 7.9   | 4.7   | 2.4   | .2    | .0    | 16.9        | 14.0 | 1296         |
| FEB    | 1.5                  | 17.4 | 17.9  | 14.8  | 15.3  | 15.1  | 10.2  | 4.5   | 2.9   | .3    | .0    | 19.7        | 19.0 | 1174         |
| MAR    | .2                   | 3.8  | 10.9  | 16.2  | 18.9  | 20.1  | 14.6  | 9.7   | 5.1   | .5    | .0    | 24.6        | 24.0 | 1325         |
| APR    | .0                   | .7   | 5.8   | 14.0  | 21.0  | 25.9  | 18.6  | 9.2   | 4.4   | .4    | .0    | 26.1        | 26.0 | 1239         |
| MAY    | .0                   | .0   | 2.6   | 9.0   | 23.0  | 29.6  | 23.6  | 8.6   | 3.4   | .1    | .0    | 27.1        | 27.0 | 1299         |
| JUN    | .0                   | .0   | 1.1   | 6.3   | 27.0  | 36.6  | 22.1  | 5.4   | 1.4   | .1    | .0    | 26.7        | 26.0 | 1246         |
| JUL    | .0                   | .2   | .8    | 7.3   | 36.5  | 42.1  | 11.1  | 1.9   | .2    | .1    | .0    | 25.1        | 25.0 | 1290         |
| AUG    | .1                   | .1   | 3.5   | 13.2  | 38.0  | 34.7  | 8.7   | 1.2   | .3    | .2    | .0    | 23.8        | 24.0 | 1291         |
| SEP    | .0                   | 1.8  | 11.5  | 24.2  | 32.7  | 20.6  | 7.1   | 1.8   | .2    | .0    | .1    | 21.3        | 21.0 | 1234         |
| OCT    | .4                   | 10.4 | 22.6  | 22.9  | 19.4  | 13.5  | 7.1   | 2.8   | .9    | .0    | .1    | 18.9        | 18.0 | 1271         |
| NOV    | 1.0                  | 25.7 | 19.8  | 14.3  | 13.1  | 12.0  | 8.4   | 3.7   | 2.0   | .0    | .0    | 17.6        | 16.0 | 1248         |
| DEC    | 3.6                  | 35.3 | 15.9  | 10.9  | 11.4  | 7.8   | 7.4   | 4.8   | 2.9   | .1    | .0    | 16.2        | 12.0 | 1284         |
| ANNUAL | .9                   | 10.5 | 10.7  | 13.7  | 22.5  | 22.3  | 12.2  | 4.9   | 2.2   | .2    | .0    | 22.0        | 23.0 | 15197        |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 03-05

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                     | 9.8                                  |      |       |       |       |       |       |       |       |       |       | 9.8        | 2.4          | 2.0            |
| 020-040                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 050-070                         |                                      | 2.0  | 2.0   |       |       |       |       |       |       |       |       | 3.9        | 9.0          | 9.0            |
| (E) 080-100                     |                                      | 2.0  |       |       |       |       |       |       |       |       |       | 2.0        | 6.0          | 6.0            |
| 110-130                         | 2.0                                  |      |       |       |       |       |       |       |       |       |       | 2.0        | 2.0          | 2.0            |
| 140-160                         | 3.9                                  |      |       |       |       |       |       |       |       |       |       | 3.9        | 2.0          | 2.0            |
| (S) 170-190                     | 2.0                                  |      |       |       |       |       |       |       |       |       |       | 2.0        | 4.0          | 4.0            |
| 200-220                         |                                      | 3.9  |       |       |       |       |       |       |       |       |       | 3.9        | 5.5          | 5.5            |
| 230-250                         | 7.8                                  | 3.9  |       |       |       |       |       |       |       |       |       | 11.8       | 3.7          | 2.5            |
| (W) 260-280                     | 7.8                                  |      |       |       |       |       |       |       |       |       |       | 7.8        | 3.0          | 3.0            |
| 290-310                         | 11.8                                 |      |       |       |       |       |       |       |       |       |       | 11.8       | 2.5          | 2.0            |
| 320-340                         | 2.0                                  |      |       |       |       |       |       |       |       |       |       | 2.0        | 4.0          | 4.0            |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 39.2       | ////////     |                |
| TOTALS                          | 47.1                                 | 11.8 | 2.0   |       |       |       |       |       |       |       |       | 100.0      | 2.2          | 3.0            |
| TOTAL NUMBER OF OBSERVATIONS 51 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 06-08

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            | 3.8                                  | .6   | .1    |       |       |       |       |       |       |       |       | 4.5        | 2.9                              | 2.0            |
| 020-040                | 2.0                                  | .3   | .2    |       | .1    |       |       |       |       |       |       | 2.7        | 4.5                              | 3.0            |
| 050-070                | 1.1                                  | .3   | .1    |       |       |       |       |       |       |       |       | 1.6        | 3.9                              | 2.5            |
| (E) 080-100            | .8                                   | .3   |       |       |       |       |       |       |       |       |       | 1.1        | 3.5                              | 2.5            |
| 110-130                | .7                                   | .2   | .1    |       |       |       |       |       |       |       |       | 1.0        | 3.8                              | 3.0            |
| 140-160                | 1.5                                  | .1   |       |       |       |       |       |       |       |       |       | 1.6        | 2.5                              | 2.0            |
| (S) 170-190            | 2.6                                  | .6   |       |       |       |       |       |       |       |       |       | 3.1        | 3.2                              | 3.0            |
| 200-220                | 4.9                                  | 3.0  | .7    |       |       |       |       |       |       |       |       | 8.7        | 4.8                              | 4.0            |
| 230-250                | 4.2                                  | 4.0  | 1.2   | .4    | .1    |       |       |       |       |       |       | 10.0       | 5.9                              | 6.0            |
| (W) 260-280            | 4.3                                  | 1.5  | 1.5   | .1    | .2    |       |       |       |       |       |       | 7.5        | 5.4                              | 3.0            |
| 290-310                | 7.3                                  | .9   |       | .1    |       |       |       |       |       |       |       | 8.3        | 2.8                              | 2.0            |
| 320-340                | 2.7                                  | .1   |       |       |       |       |       |       |       |       |       | 2.8        | 2.5                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 47.1       | //////////////////////////////// |                |
| TOTALS                 | 35.9                                 | 11.9 | 3.9   | .6    | .4    |       |       |       |       |       |       | 100.0      | 2.2                              | 3.0            |

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |     |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | 1.3 |       | .1    | .1    |       |       |       |       |       |       | 7.7        | 3.4          | 3.0            |
| 020-040                          | 8.1                                  | .3  | .2    |       |       |       |       |       |       |       |       | 8.6        | 2.7          | 2.0            |
| 050-070                          | 2.9                                  | .6  | .8    |       |       |       |       |       |       |       |       | 4.3        | 4.8          | 3.0            |
| (E) 080-100                      | .8                                   | .2  |       |       |       |       |       |       |       |       |       | 1.0        | 2.4          | 2.0            |
| 110-130                          | 1.6                                  |     | .1    |       |       |       |       |       |       |       |       | 1.7        | 2.2          | 2.0            |
| 140-160                          | 1.8                                  | .3  |       |       |       |       |       |       |       |       |       | 2.1        | 3.3          | 3.0            |
| (S) 170-190                      | 2.2                                  | .7  | .3    |       |       |       |       |       |       |       |       | 3.3        | 4.1          | 4.0            |
| 200-220                          | 4.5                                  | 1.3 | 1.8   | .3    | .1    |       |       |       |       |       |       | 8.1        | 5.8          | 4.0            |
| 230-250                          | 1.8                                  | 2.9 | 4.2   | 1.3   | .1    |       |       |       |       |       |       | 10.3       | 9.5          | 10.0           |
| (W) 260-280                      | .9                                   | 1.2 | 1.5   | 1.1   | .7    |       |       |       |       |       |       | 5.4        | 11.5         | 12.0           |
| 290-310                          | .3                                   | .4  | .4    | .3    |       |       |       |       |       |       |       | 1.6        | 9.1          | 9.5            |
| 320-340                          | .9                                   | .2  |       |       |       |       |       |       |       |       |       | 1.1        | 3.3          | 2.5            |
| VARIABLE                         |                                      |     |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | 44.8       | ////////     |                |
| TOTALS                           | 32.0                                 | 9.4 | 9.3   | 3.1   | 1.0   |       |       |       |       |       |       | 100.0      | 3.2          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 891 |                                      |     |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            | 7.6                                  | 1.2  |       | .2    |       |       |       |       |       |       |       | 9.1        | 3.4                              | 2.0            |
| 020-040                | 9.2                                  | 1.9  | .4    | .4    | .2    |       |       |       |       |       |       | 12.2       | 4.0                              | 2.0            |
| 050-070                | 5.5                                  | 2.0  | 1.7   |       |       |       |       |       |       |       |       | 9.2        | 5.0                              | 3.0            |
| (E) 080-100            | 2.8                                  | .4   | .3    |       |       |       |       |       |       |       |       | 3.6        | 3.8                              | 2.5            |
| 110-130                | 2.4                                  | .2   |       |       |       |       |       |       |       |       |       | 2.6        | 2.0                              | 2.0            |
| 140-160                | 1.9                                  | .6   | .1    |       |       |       |       |       |       |       |       | 2.6        | 3.5                              | 3.0            |
| (S) 170-190            | 1.2                                  | .1   | .1    | .1    |       |       |       |       |       |       |       | 1.6        | 4.3                              | 3.0            |
| 200-220                | 1.9                                  | 1.1  | 1.8   | .2    |       |       |       |       |       |       |       | 5.1        | 7.3                              | 6.0            |
| 230-250                | 1.7                                  | 1.3  | 5.9   | 2.0   | 1.2   |       |       |       |       |       |       | 12.2       | 11.8                             | 12.0           |
| (W) 260-280            | .6                                   | .9   | 1.9   | 2.1   | .7    | .1    |       |       |       |       |       | 6.3        | 13.2                             | 14.0           |
| 290-310                | .3                                   | .3   | 1.0   | .7    | .1    |       |       |       |       |       |       | 2.5        | 11.3                             | 12.0           |
| 320-340                | 1.1                                  | .1   | .1    |       |       |       |       |       |       |       |       | 1.3        | 3.3                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 31.8       | //////////////////////////////// |                |
| TOTALS                 | 36.2                                 | 10.1 | 13.3  | 5.7   | 2.2   | .1    |       |       |       |       |       | 100.0      | 4.6                              | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 73810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 15-17

| WIND SPEED IN KNOTS              |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
| DIRECTION<br>(DEGREES)           | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
| (N) 350-010                      | 6.2                                  | .4   | .1    |       |       |       |       |       |       |       |       | 6.7        | 2.5                              | 2.0            |
| 020-040                          | 4.9                                  | 2.1  | .6    | .4    | .1    |       |       |       |       |       |       | 8.2        | 5.0                              | 3.0            |
| 050-070                          | 4.6                                  | 2.6  | 1.5   | .3    |       |       |       |       |       |       |       | 9.0        | 5.5                              | 4.0            |
| (E) 080-100                      | 2.9                                  | 2.1  | .4    |       |       |       |       |       |       |       |       | 5.5        | 4.9                              | 4.0            |
| 110-130                          | 1.2                                  | .2   | .1    |       |       |       |       |       |       |       |       | 1.6        | 3.6                              | 2.5            |
| 140-160                          | 1.6                                  |      | .1    |       |       |       |       |       |       |       |       | 1.7        | 2.3                              | 2.0            |
| (S) 170-190                      | 1.5                                  | .2   |       |       |       |       |       |       |       |       |       | 1.7        | 3.1                              | 3.0            |
| 200-220                          | 2.2                                  | 1.3  | 1.3   | .3    |       |       |       |       |       |       |       | 5.3        | 7.0                              | 6.0            |
| 230-250                          | 1.5                                  | 3.6  | 5.6   | 2.1   | .2    |       |       |       |       |       |       | 13.0       | 10.3                             | 10.0           |
| (W) 260-280                      | 1.1                                  | 2.5  | 3.7   | 2.4   | .3    | .1    |       |       |       |       |       | 10.1       | 11.0                             | 10.5           |
| 290-310                          | 1.1                                  | 1.5  | 1.7   | .6    | .2    |       |       |       |       |       |       | 5.0        | 9.0                              | 9.0            |
| 320-340                          | .8                                   | .3   |       |       |       |       |       |       |       |       |       | 1.1        | 3.3                              | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 31.2       | //////////////////////////////// |                |
| TOTALS                           | 29.6                                 | 16.8 | 15.1  | 6.1   | .8    | .1    |       |       |       |       |       | 100.0      | 4.8                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 892 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 18-20

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 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                                  | .9   | .3    |       |       |       |       |       |       |       |       | 5.3        | 3.6                              | 2.0            |
| 020-040                | 3.4                                  | .3   | .2    |       |       |       |       |       |       |       |       | 3.9        | 3.0                              | 2.0            |
| 050-070                | 2.9                                  | .4   | .2    |       |       |       |       |       |       |       |       | 3.6        | 3.5                              | 3.0            |
| (E) 080-100            | 2.6                                  | 1.0  | .1    |       |       |       |       |       |       |       |       | 3.7        | 3.8                              | 3.0            |
| 110-130                | .8                                   | .2   |       |       |       |       |       |       |       |       |       | 1.0        | 2.8                              | 2.0            |
| 140-160                | .9                                   |      |       |       |       |       |       |       |       |       |       | .9         | 2.3                              | 2.0            |
| (S) 170-190            | .7                                   | .2   |       |       |       |       |       |       |       |       |       | .9         | 3.8                              | 4.0            |
| 200-220                | 3.6                                  | 2.0  | .7    |       |       |       |       |       |       |       |       | 6.3        | 4.6                              | 4.0            |
| 230-250                | 4.9                                  | 6.1  | 4.3   | .4    | .1    |       |       |       |       |       |       | 15.8       | 7.1                              | 6.0            |
| (W) 260-280            | 3.9                                  | 4.6  | 2.6   | .7    | .4    |       |       |       |       |       |       | 12.2       | 7.6                              | 6.0            |
| 290-310                | 8.0                                  | 1.3  | .3    | .1    |       |       |       |       |       |       |       | 9.8        | 3.5                              | 2.0            |
| 320-340                | 2.6                                  |      | .1    |       |       |       |       |       |       |       |       | 2.7        | 2.2                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 33.9       | //////////////////////////////// |                |
| TOTALS                 | 38.3                                 | 17.0 | 8.8   | 1.2   | .5    |       |       |       |       |       |       | 100.0      | 3.4                              | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 21-23

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 4.7                  | 1.3  |       |       |       |       |       |       |       |       |       | 6.1        | 3.3          | 2.5            |
| 020-040                          | 1.7                  | .7   | .3    |       |       |       |       |       |       |       |       | 2.7        | 4.4          | 3.5            |
| 050-070                          | 1.0                  | .7   | .3    |       |       |       |       |       |       |       |       | 2.0        | 5.5          | 5.0            |
| (E) 080-100                      |                      | .3   |       |       |       |       |       |       |       |       |       | .3         | 7.0          | 7.0            |
| 110-130                          | .3                   |      |       |       |       |       |       |       |       |       |       | .3         | 2.0          | 2.0            |
| 140-160                          | 1.3                  |      |       |       |       |       |       |       |       |       |       | 1.3        | 3.3          | 3.5            |
| (S) 170-190                      | 1.7                  | 1.0  |       |       |       |       |       |       |       |       |       | 2.7        | 4.6          | 4.0            |
| 200-220                          | 7.1                  | 1.3  | .7    |       |       |       |       |       |       |       |       | 9.1        | 3.7          | 3.0            |
| 230-250                          | 7.1                  | 8.4  | 4.0   |       |       |       |       |       |       |       |       | 19.5       | 6.3          | 6.0            |
| (W) 260-280                      | 5.4                  | 3.4  | 2.7   | .3    |       |       |       |       |       |       |       | 11.8       | 5.9          | 5.0            |
| 290-310                          | 11.1                 | 1.0  | .3    |       |       |       |       |       |       |       |       | 12.5       | 2.9          | 2.0            |
| 320-340                          | 2.4                  |      |       |       |       |       |       |       |       |       |       | 2.4        | 2.4          | 2.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 29.3       | ////////     |                |
| TOTALS                           | 43.8                 | 18.1 | 8.3   | .3    |       |       |       |       |       |       |       | 100.0      | 3.3          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 297 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND     | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|------------------|----------------|
|                        | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65      |                  |                |
| (N) 350-010            | 5.6                  | .9   | .1    | .1    | .0    |       |       |       |       |       |            | 6.7              | 3.2            |
| 020-040                | 5.2                  | 1.0  | .3    | .2    | .1    |       |       |       |       |       |            | 6.8              | 3.9            |
| 050-070                | 3.2                  | 1.2  | .8    | .1    |       |       |       |       |       |       |            | 5.3              | 4.9            |
| (E) 080-100            | 1.8                  | .8   | .2    |       |       |       |       |       |       |       |            | 2.8              | 4.1            |
| 110-130                | 1.3                  | .2   | .1    |       |       |       |       |       |       |       |            | 1.5              | 2.7            |
| 140-160                | 1.5                  | .2   | .0    |       |       |       |       |       |       |       |            | 1.8              | 2.9            |
| (S) 170-190            | 1.6                  | .4   | .1    | .0    |       |       |       |       |       |       |            | 2.1              | 3.7            |
| 200-220                | 3.6                  | 1.8  | 1.2   | .2    | .0    |       |       |       |       |       |            | 6.8              | 5.6            |
| 230-250                | 3.1                  | 3.9  | 4.2   | 1.2   | .3    |       |       |       |       |       |            | 12.7             | 8.6            |
| (W) 260-280            | 2.4                  | 2.2  | 2.2   | 1.2   | .4    | .0    |       |       |       |       |            | 8.5              | 9.0            |
| 290-310                | 4.0                  | .9   | .7    | .3    | .1    |       |       |       |       |       |            | 5.9              | 5.0            |
| 320-340                | 1.7                  | .1   | .0    |       |       |       |       |       |       |       |            | 1.9              | 2.7            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       | 37.2       | //////////////// |                |
| TOTALS                 | 35.0                 | 13.6 | 9.9   | 3.3   | .9    |       |       |       |       |       |            | 100.0            | 3.6            |

TOTAL NUMBER OF OBSERVATIONS 4803

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(DEGREES)          | WIND SPEED IN KNOTS  |     |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND     | MEDIAN<br>WIND |
|---------------------------------|----------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|------------------|----------------|
|                                 | 1-4                  | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                  |                |
| (N) 350-010                     | 3.7                  |     |       |       | 3.7   |       |       |       |       |       |       | 7.4        | 11.0             | 11.0           |
| 020-040                         | 7.4                  |     |       |       |       |       |       |       |       |       |       | 7.4        | 2.5              | 2.5            |
| 050-070                         |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| (E) 080-100                     |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| 110-130                         |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| 140-160                         |                      | 3.7 |       |       |       |       |       |       |       |       |       | 3.7        | 7.0              | 7.0            |
| (S) 170-190                     |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| 200-220                         | 18.5                 |     |       |       |       |       |       |       |       |       |       | 18.5       | 3.6              | 4.0            |
| 230-250                         |                      | 3.7 | 14.8  |       |       |       |       |       |       |       |       | 18.5       | 10.6             | 10.0           |
| (W) 260-280                     |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| 290-310                         |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| 320-340                         |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| VARIABLE                        |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |
| CALM                            | //////////////////// |     |       |       |       |       |       |       |       |       |       | 44.4       | //////////////// |                |
| TOTALS                          | 29.6                 | 7.4 | 14.8  |       | 3.7   |       |       |       |       |       |       | 100.0      | 3.9              | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 27 |                      |     |       |       |       |       |       |       |       |       |       |            |                  |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 03-05

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                     | 2.4                                  | 2.4  |       |       |       |       |       |       |       |       |       | 4.8        | 6.0          | 6.0            |
| 020-040                         |                                      | 2.4  |       |       |       |       |       |       |       |       |       | 2.4        | 6.0          | 6.0            |
| 050-070                         |                                      | 2.4  |       |       |       |       |       |       |       |       |       | 2.4        | 8.0          | 8.0            |
| (E) 080-100                     |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 140-160                         | 2.4                                  |      | 2.4   |       |       |       |       |       |       |       |       | 4.8        | 7.5          | 7.5            |
| (S) 170-190                     | 2.4                                  |      |       |       |       |       |       |       |       |       |       | 2.4        | 4.0          | 4.0            |
| 200-220                         | 4.8                                  |      | 4.8   |       |       |       |       |       |       |       |       | 9.5        | 6.3          | 6.5            |
| 230-250                         | 2.4                                  |      | 2.4   |       |       |       |       |       |       |       |       | 4.8        | 7.0          | 7.0            |
| (W) 260-280                     | 11.9                                 | 4.8  |       |       |       |       |       |       |       |       |       | 16.7       | 3.4          | 2.0            |
| 290-310                         | 9.5                                  |      |       |       |       |       |       |       |       |       |       | 9.5        | 1.8          | 2.0            |
| 320-340                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 42.9       | ////////     |                |
| TOTALS                          | 35.8                                 | 12.0 | 9.6   |       |       |       |       |       |       |       |       | 100.0      | 2.7          | 2.5            |
| TOTAL NUMBER OF OBSERVATIONS 42 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | 1.3  |       | .1    | .1    |       |       |       |       |       |       | 5.5        | 4.1          | 4.0            |
| 020-040                          | 2.6                                  | .7   | .2    | .1    |       |       |       |       |       |       |       | 3.7        | 4.6          | 4.0            |
| 050-070                          | .6                                   | .5   | .1    |       |       |       |       |       |       |       |       | 1.2        | 5.3          | 4.5            |
| (E) 080-100                      | .2                                   | .1   | .1    |       |       |       |       |       |       |       |       | .5         | 6.8          | 5.5            |
| 110-130                          | .5                                   | .1   | .1    |       |       |       |       |       |       |       |       | .7         | 4.5          | 2.5            |
| 140-160                          | 1.2                                  | .1   | .2    |       |       |       |       |       |       |       |       | 1.5        | 4.3          | 3.0            |
| (S) 170-190                      | 1.8                                  | 1.3  |       |       |       |       |       |       |       |       |       | 3.1        | 4.3          | 4.0            |
| 200-220                          | 4.4                                  | 3.2  | 1.1   | .7    |       |       |       |       |       |       |       | 9.3        | 6.1          | 5.0            |
| 230-250                          | 5.7                                  | 4.3  | 4.7   | .6    | .2    | .2    |       |       |       |       |       | 15.7       | 7.3          | 7.0            |
| (W) 260-280                      | 5.9                                  | 2.0  | 1.4   | .5    |       |       |       |       |       |       |       | 9.8        | 5.3          | 3.0            |
| 290-310                          | 6.8                                  | .6   | .5    | .1    |       |       |       |       |       |       |       | 8.0        | 3.3          | 2.0            |
| 320-340                          | 1.9                                  | .1   |       |       |       |       |       |       |       |       |       | 2.0        | 2.1          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 39.0       | ////////     |                |
| TOTALS                           | 35.6                                 | 14.3 | 8.4   | 2.1   | .3    | .2    |       |       |       |       |       | 100.0      | 3.3          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 847 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 09-11

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 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                                  | 1.6  | .4    |       |       |       |       |       |       |       |       | 6.4        | 3.9                              | 3.0            |
| 020-040                | 8.2                                  | 1.6  | .8    | .5    |       |       |       |       |       |       |       | 11.2       | 4.3                              | 3.0            |
| 050-070                | 2.4                                  | 1.5  | 1.1   | .4    |       |       |       |       |       |       |       | 5.3        | 6.0                              | 5.0            |
| (E) 080-100            | 1.4                                  | .2   | .1    |       | .1    |       |       |       |       |       |       | 1.9        | 4.1                              | 2.0            |
| 110-130                | 1.2                                  | .7   | .2    |       |       |       |       |       |       |       |       | 2.1        | 4.2                              | 2.0            |
| 140-160                | .9                                   | .5   |       |       |       |       |       |       |       |       |       | 1.4        | 3.7                              | 4.0            |
| (S) 170-190            | 2.8                                  | .9   |       |       |       |       |       |       |       |       |       | 3.8        | 3.1                              | 2.0            |
| 200-220                | 4.0                                  | 3.5  | 1.3   | 1.4   | .4    |       |       |       |       |       |       | 10.6       | 7.4                              | 5.5            |
| 230-250                | 2.0                                  | 3.3  | 5.1   | 2.0   | 1.1   | .1    |       |       |       |       |       | 13.5       | 11.1                             | 10.0           |
| (W) 260-280            | .7                                   | 1.3  | 2.6   | .5    |       |       |       |       |       |       |       | 5.1        | 9.6                              | 10.0           |
| 290-310                | .7                                   | .5   | .6    | .6    |       |       |       |       |       |       |       | 2.4        | 8.9                              | 9.0            |
| 320-340                | 1.6                                  | .2   | .1    |       |       |       |       |       |       |       |       | 2.0        | 3.2                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 34.4       | //////////////////////////////// |                |
| TOTALS                 | 30.3                                 | 15.8 | 12.3  | 5.4   | 1.6   | .1    |       |       |       |       |       | 100.0      | 4.4                              | 5.0            |

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 5.9                                  | 1.4  | .8    |       | .2    |       |       |       |       |       |       | 8.4        | 4.4                              | 3.0            |
| 020-040                          | 7.7                                  | 3.7  | 2.0   | .6    |       |       |       |       |       |       |       | 13.9       | 5.3                              | 4.0            |
| 050-070                          | 5.3                                  | 4.8  | 2.4   | .7    | .5    |       |       |       |       |       |       | 13.7       | 7.0                              | 6.0            |
| (E) 080-100                      | 2.9                                  | 1.2  | .8    | .5    |       |       |       |       |       |       |       | 5.4        | 5.6                              | 3.5            |
| 110-130                          | 1.5                                  |      |       |       |       |       |       |       |       |       |       | 1.5        | 2.2                              | 2.0            |
| 140-160                          | 1.5                                  |      |       |       |       |       |       |       |       |       |       | 1.5        | 2.2                              | 2.0            |
| (S) 170-190                      | .9                                   | .2   |       |       |       |       |       |       |       |       |       | 1.2        | 2.6                              | 1.5            |
| 200-220                          | 2.1                                  | 1.3  | 1.9   | 2.1   | .9    |       |       |       |       |       |       | 8.4        | 11.0                             | 11.0           |
| 230-250                          | 1.3                                  | 3.1  | 5.1   | 2.2   | 1.5   | .1    |       |       |       |       |       | 13.3       | 11.8                             | 11.0           |
| (W) 260-280                      | .5                                   | 2.0  | 2.8   | 1.1   | .2    |       |       |       |       |       |       | 6.6        | 10.9                             | 11.0           |
| 290-310                          | 1.6                                  | .8   | .9    | 1.6   | .5    | .2    |       |       |       |       |       | 5.8        | 11.2                             | 13.0           |
| 320-340                          | 1.4                                  | .2   | .2    |       |       |       |       |       |       |       |       | 1.9        | 3.8                              | 2.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 18.5       | //////////////////////////////// |                |
| TOTALS                           | 32.6                                 | 18.7 | 16.9  | 8.8   | 3.8   | .3    |       |       |       |       |       | 100.0      | 6.4                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 849 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 15-17

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 2.6                                  | 1.3  | .1    | .2    | .2    |       |       |       |       |       |       | 4.5        | 5.0          | 3.0            |
| 020-040                | 4.0                                  | 3.4  | 2.1   | .5    | .2    |       |       |       |       |       |       | 10.3       | 6.7          | 6.0            |
| 050-070                | 4.0                                  | 5.3  | 2.2   | .6    | .1    |       |       |       |       |       |       | 12.3       | 6.7          | 6.0            |
| (E) 080-100            | 2.7                                  | 1.2  | .8    | .2    |       |       |       |       |       |       |       | 5.0        | 5.4          | 4.0            |
| 110-130                | 1.3                                  | .2   | .1    |       |       |       |       |       |       |       |       | 1.7        | 3.3          | 2.0            |
| 140-160                | 1.2                                  | .1   |       |       |       |       |       |       |       |       |       | 1.3        | 2.8          | 3.0            |
| (S) 170-190            | .9                                   | .1   |       |       |       |       |       |       |       |       |       | 1.1        | 2.3          | 2.0            |
| 200-220                | 2.0                                  | 1.2  | 2.5   | 1.9   | .5    |       |       |       |       |       |       | 8.0        | 10.5         | 11.5           |
| 230-250                | 2.0                                  | 5.0  | 6.8   | 2.6   | .9    | .4    |       |       |       |       |       | 17.7       | 10.9         | 10.0           |
| (W) 260-280            | 1.4                                  | 3.5  | 3.7   | .8    | .2    |       |       |       |       |       |       | 9.7        | 9.3          | 9.0            |
| 290-310                | 1.2                                  | 1.3  | 2.0   | 1.8   | 1.1   | .2    |       |       |       |       |       | 7.6        | 12.3         | 12.0           |
| 320-340                | 1.4                                  | .2   | .2    |       |       |       |       |       |       |       |       | 1.9        | 3.6          | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 19.1       | ////////     |                |
| TOTALS                 | 24.7                                 | 22.8 | 20.5  | 8.6   | 3.2   | .6    |       |       |       |       |       | 100.0      | 6.8          | 8.0            |

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 18-20

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 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                  | .6   | .2    | .5    | .1    |       |       |       |       |       |       | 3.6        | 6.6          | 4.0            |
| 020-040                | 3.3                  | 1.7  | .4    | .5    |       |       |       |       |       |       |       | 5.8        | 5.4          | 4.0            |
| 050-070                | 3.4                  | .7   | .5    |       |       |       |       |       |       |       |       | 4.6        | 4.1          | 3.0            |
| (E) 080-100            | 1.8                  | .7   | .1    |       |       |       |       |       |       |       |       | 2.6        | 4.0          | 4.0            |
| 110-130                | .5                   | .2   |       |       |       |       |       |       |       |       |       | .7         | 3.8          | 3.0            |
| 140-160                | .9                   | .1   |       |       |       |       |       |       |       |       |       | 1.1        | 3.3          | 2.0            |
| (S) 170-190            | 1.2                  | .4   |       |       |       |       |       |       |       |       |       | 1.5        | 3.7          | 3.0            |
| 200-220                | 3.4                  | 2.8  | 1.8   | .2    |       |       |       |       |       |       |       | 8.3        | 6.3          | 6.0            |
| 230-250                | 5.9                  | 7.4  | 6.3   | 1.4   | .4    |       |       |       |       |       |       | 21.4       | 8.0          | 8.0            |
| (W) 260-280            | 4.5                  | 4.2  | 3.1   | 1.1   | .1    |       | .1    |       |       |       |       | 13.0       | 7.6          | 6.0            |
| 290-310                | 9.1                  | 3.0  | 1.4   | .7    |       |       |       |       |       |       |       | 14.2       | 4.9          | 4.0            |
| 320-340                | 2.8                  | .8   | .1    |       | .1    |       |       |       |       |       |       | 3.9        | 4.0          | 2.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 19.2       | ////////     |                |
| TOTALS                 | 38.9                 | 22.6 | 13.9  | 4.4   | .7    |       | .1    |       |       |       |       | 100.0      | 5.0          | 5.0            |

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 21-23

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 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                  | 1.1  |       | .7    | .4    |       |       |       |       |       |       | 6.0        | 6.2          | 4.0            |
| 020-040                | 1.8                  | 1.4  | .7    |       |       |       |       |       |       |       |       | 3.9        | 5.7          | 5.0            |
| 050-070                | .4                   |      | .4    |       |       |       |       |       |       |       |       | .7         | 6.0          | 6.0            |
| (E) 080-100            | .7                   |      | .4    |       |       |       |       |       |       |       |       | 1.1        | 6.0          | 4.0            |
| 110-130                |                      | .4   | .4    |       |       |       |       |       |       |       |       | .7         | 8.0          | 8.0            |
| 140-160                | 1.1                  | .4   |       |       |       |       |       |       |       |       |       | 1.4        | 3.5          | 3.0            |
| (S) 170-190            | 2.8                  | .7   |       |       |       |       |       |       |       |       |       | 3.6        | 3.9          | 4.0            |
| 200-220                | 8.5                  | 3.9  | 1.1   |       |       |       |       |       |       |       |       | 13.5       | 4.4          | 3.5            |
| 230-250                | 6.0                  | 8.9  | 5.0   | 1.1   | .4    |       |       |       |       |       |       | 21.4       | 7.6          | 7.0            |
| (W) 260-280            | 7.8                  | 3.9  | 1.8   | .4    |       |       |       |       |       |       |       | 13.9       | 5.1          | 4.0            |
| 290-310                | 5.7                  | 1.4  |       | .4    |       |       |       |       |       |       |       | 7.5        | 3.8          | 2.0            |
| 320-340                | 2.1                  | .4   | .4    |       |       |       |       |       |       |       |       | 2.8        | 4.0          | 3.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 23.5       | ////////     |                |
| TOTALS                 | 40.8                 | 22.5 | 10.2  | 2.6   | .8    |       |       |       |       |       |       | 100.0      | 4.3          | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 281

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: ALL

| WIND SPEED IN KNOTS               |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
|-----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| DIRECTION                         | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN     | MEDIAN |
| (DEGREES)                         |                                      |      |       |       |       |       |       |       |       |       |       | %     | WIND     | WIND   |
| (N) 350-010                       | 3.8                                  | 1.3  | .3    | .2    | .2    |       |       |       |       |       |       | 5.7   | 4.7      | 4.0    |
| 020-040                           | 4.9                                  | 2.2  | 1.1   | .4    | .0    |       |       |       |       |       |       | 8.6   | 5.3      | 4.0    |
| 050-070                           | 2.9                                  | 2.4  | 1.2   | .3    | .1    |       |       |       |       |       |       | 7.0   | 6.3      | 5.0    |
| (E) 080-100                       | 1.7                                  | .6   | .4    | .1    | .0    |       |       |       |       |       |       | 2.9   | 5.1      | 4.0    |
| 110-130                           | .9                                   | .3   | .1    |       |       |       |       |       |       |       | 1.3   | 3.7   | 2.0      |        |
| 140-160                           | 1.2                                  | .2   | .1    |       |       |       |       |       |       |       | 1.4   | 3.4   | 3.0      |        |
| (S) 170-190                       | 1.6                                  | .6   |       |       |       |       |       |       |       | 2.2   | 3.5   | 3.0   |          |        |
| 200-220                           | 3.5                                  | 2.5  | 1.7   | 1.2   | .3    |       |       |       |       | 9.2   | 7.8   | 6.0   |          |        |
| 230-250                           | 3.5                                  | 4.8  | 5.5   | 1.7   | .8    | .2    |       |       |       |       | 16.5  | 9.5   | 9.0      |        |
| (W) 260-280                       | 3.0                                  | 2.7  | 2.6   | .7    | .1    |       |       |       | .0    |       |       | 9.2   | 7.8      | 7.0    |
| 290-310                           | 4.1                                  | 1.2  | 1.0   | .9    | .3    | .1    |       |       |       |       | 7.6   | 7.0   | 4.0      |        |
| 320-340                           | 1.8                                  | .3   | .2    |       |       |       | .0    |       |       |       |       | 2.3   | 3.5      | 2.0    |
| VARIABLE                          |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
| CALM                              | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 26.0  | //////// |        |
| TOTALS                            | 32.9                                 | 19.1 | 14.2  | 5.5   | 1.8   | .3    |       |       |       |       | 100.0 | 5.1   | 5.0      |        |
| TOTAL NUMBER OF OBSERVATIONS 4558 |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 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                                  | 7.2  |       |       | 1.4   |       |       |       |       |       |       | 15.9       | 5.7          | 5.0            |
| 020-040                | 8.7                                  | 5.8  | 8.7   | 1.4   |       |       |       |       |       |       |       | 24.6       | 8.1          | 8.0            |
| 050-070                | 2.9                                  | 4.3  |       |       |       |       |       |       |       |       |       | 7.2        | 5.2          | 5.0            |
| (E) 080-100            |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                |                                      | 2.9  | 1.4   |       |       |       |       |       |       |       |       | 4.3        | 9.3          | 9.0            |
| 140-160                | 2.9                                  |      |       |       |       |       |       |       |       |       |       | 2.9        | 3.5          | 3.5            |
| (S) 170-190            | 2.9                                  |      |       |       |       |       |       |       |       |       |       | 2.9        | 3.0          | 3.0            |
| 200-220                | 2.9                                  | 4.3  |       |       |       |       |       |       |       |       |       | 7.2        | 4.6          | 5.0            |
| 230-250                |                                      | 4.3  | 1.4   |       |       |       |       |       |       |       |       | 5.8        | 7.3          | 6.5            |
| (W) 260-280            | 2.9                                  | 1.4  |       |       |       |       |       |       |       |       |       | 4.3        | 2.7          | 1.0            |
| 290-310                | 1.4                                  | 1.4  | 1.4   |       |       |       |       |       |       |       |       | 4.3        | 8.0          | 8.0            |
| 320-340                | 4.3                                  | 2.9  |       |       |       |       |       |       |       |       |       | 7.2        | 4.4          | 4.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 13.0       | ////////     |                |
| TOTALS                 | 36.1                                 | 34.5 | 12.9  | 1.4   | 1.4   |       |       |       |       |       |       | 100.0      | 5.4          | 5.5            |

TOTAL NUMBER OF OBSERVATIONS 69

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 03-05

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                 | 1-4                                  | 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            |
| 020-040                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                     | 5.6                                  |      |       |       |       |       |       |       |       |       |       | 5.6        | 4.0                              | 4.0            |
| 110-130                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                         | 5.6                                  |      |       |       |       |       |       |       |       |       |       | 5.6        | 4.0                              | 4.0            |
| (S) 170-190                     |                                      |      | 5.6   |       |       |       |       |       |       |       |       | 5.6        | 10.0                             | 10.0           |
| 200-220                         |                                      |      | 5.6   |       |       |       |       |       |       |       |       | 5.6        | 10.0                             | 10.0           |
| 230-250                         | 11.1                                 | 11.1 | 16.7  |       |       |       |       |       |       |       |       | 38.9       | 7.1                              | 7.0            |
| (W) 260-280                     | 16.7                                 |      | 5.6   |       |       |       |       |       |       |       |       | 22.2       | 3.8                              | 2.0            |
| 290-310                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 320-340                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 16.7       | //////////////////////////////// |                |
| TOTALS                          | 39.0                                 | 11.1 | 33.5  |       |       |       |       |       |       |       |       | 100.0      | 5.2                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 18 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 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                                  | 1.2  |       |       |       |       |       |       |       |       |       | 3.3        | 3.9                              | 4.0            |
| 020-040                          | 2.2                                  | .8   | .2    |       |       |       |       |       |       |       |       | 3.1        | 3.8                              | 3.0            |
| 050-070                          | .9                                   | .3   | .1    |       |       |       |       |       |       |       |       | 1.3        | 4.3                              | 3.0            |
| (E) 080-100                      | .3                                   | .1   |       |       |       |       |       |       |       |       |       | .4         | 3.3                              | 2.0            |
| 110-130                          | .1                                   | .1   | .1    |       |       |       |       |       |       |       |       | .3         | 6.7                              | 6.0            |
| 140-160                          | .5                                   | .1   | .1    |       |       |       |       |       |       |       |       | .8         | 4.1                              | 2.0            |
| (S) 170-190                      | 2.5                                  | 1.8  | .6    |       |       |       |       |       |       |       |       | 5.0        | 5.1                              | 4.5            |
| 200-220                          | 5.2                                  | 7.0  | 1.8   | .4    |       |       |       |       |       |       |       | 14.5       | 6.0                              | 6.0            |
| 230-250                          | 5.6                                  | 6.5  | 6.9   | 1.7   |       |       |       |       |       |       |       | 20.7       | 8.0                              | 8.0            |
| (W) 260-280                      | 4.2                                  | 2.6  | 2.9   | 1.6   | .4    |       |       |       |       |       |       | 11.8       | 8.3                              | 8.0            |
| 290-310                          | 2.8                                  | 1.3  | 1.2   | .5    | .1    |       |       |       |       |       |       | 5.9        | 6.7                              | 5.0            |
| 320-340                          | .8                                   | .2   |       |       |       |       |       |       |       |       |       | 1.0        | 4.0                              | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 31.9       | //////////////////////////////// |                |
| TOTALS                           | 27.3                                 | 22.0 | 13.9  | 4.2   | .5    |       |       |       |       |       |       | 100.0      | 4.6                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 927 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 3.4                  | 1.2  | .1    |       |       |       |       |       |       |       |       | 4.7        | 3.2          | 3.0            |
| 020-040                          | 6.0                  | 2.6  | .6    | .1    |       |       |       |       |       |       |       | 9.4        | 4.3          | 4.0            |
| 050-070                          | 3.0                  | 2.2  | .9    |       |       |       |       |       |       |       |       | 6.0        | 5.3          | 4.5            |
| (E) 080-100                      | 1.4                  | .6   | .2    |       |       |       |       |       |       |       |       | 2.3        | 4.3          | 3.0            |
| 110-130                          | 1.8                  | .3   | .1    |       |       |       |       |       |       |       |       | 2.3        | 3.1          | 2.0            |
| 140-160                          | .5                   | .2   | .1    |       |       |       |       |       |       |       |       | .9         | 4.8          | 3.5            |
| (S) 170-190                      | 2.5                  | .5   | .1    |       | .1    |       |       |       |       |       |       | 3.2        | 3.8          | 2.0            |
| 200-220                          | 2.7                  | 3.8  | 2.7   | .9    | .1    |       |       |       |       |       |       | 10.1       | 7.9          | 8.0            |
| 230-250                          | 1.7                  | 5.1  | 8.6   | 4.5   | .8    |       |       |       |       |       |       | 20.6       | 11.2         | 11.0           |
| (W) 260-280                      | .9                   | 2.4  | 4.6   | 3.1   | .8    |       |       |       |       |       |       | 11.7       | 12.3         | 12.0           |
| 290-310                          | 1.0                  | 1.0  | 1.8   | .9    | .4    |       |       |       |       |       |       | 5.1        | 10.9         | 12.0           |
| 320-340                          | .8                   | .8   | .5    |       |       |       |       |       |       |       |       | 2.0        | 5.8          | 6.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 21.7       | ////////     |                |
| TOTALS                           | 25.7                 | 20.7 | 20.3  | 9.5   | 2.2   |       |       |       |       |       |       | 100.0      | 6.4          | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 930 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 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                  | 1.0  | .1    |       |       |       |       |       |       |       |       | 3.8        | 3.8          | 3.0            |
| 020-040                | 4.5                  | 3.4  | 1.4   | .1    |       |       |       |       |       |       |       | 9.5        | 5.4          | 5.0            |
| 050-070                | 5.3                  | 3.7  | 1.7   | .1    |       |       |       |       |       |       |       | 10.8       | 5.5          | 5.0            |
| (E) 080-100            | 1.9                  | 2.5  | .8    | .1    |       |       |       |       |       |       |       | 5.3        | 5.8          | 5.0            |
| 110-130                | 1.2                  | .4   | .2    |       |       |       |       |       |       |       |       | 1.8        | 4.4          | 4.0            |
| 140-160                | 1.8                  | .1   | .1    |       |       |       |       |       |       |       |       | 2.0        | 3.3          | 3.0            |
| (S) 170-190            | 1.5                  | .5   | .1    |       |       |       |       |       |       |       |       | 2.2        | 3.5          | 2.0            |
| 200-220                | 1.4                  | 2.5  | 2.5   | 1.5   | .6    | .2    |       |       |       |       |       | 8.7        | 10.7         | 10.0           |
| 230-250                | 2.8                  | 3.8  | 8.0   | 4.9   | 2.2   | .1    |       |       |       |       |       | 21.7       | 11.8         | 12.0           |
| (W) 260-280            | 1.4                  | 2.4  | 4.9   | 4.3   | 1.5   | .1    |       |       |       |       |       | 14.6       | 12.4         | 13.0           |
| 290-310                | .8                   | 1.1  | 2.5   | 1.7   | 1.5   |       |       |       |       |       |       | 7.5        | 13.2         | 13.5           |
| 320-340                | 1.7                  | .1   |       |       |       | .1    |       |       |       |       |       | 1.9        | 3.6          | 2.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 10.2       | ////////     |                |
| TOTALS                 | 27.0                 | 21.5 | 22.3  | 12.7  | 5.8   | .5    |       |       |       |       |       | 100.0      | 8.1          | 8.0            |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 1.9                                  | 1.0  |       |       |       |       |       |       |       |       |       | 2.9        | 3.6                              | 3.0            |
| 020-040                          | 2.6                                  | 2.4  | .5    |       |       |       |       |       |       |       |       | 5.5        | 5.1                              | 5.0            |
| 050-070                          | 2.8                                  | 2.7  | .5    | .1    |       |       |       |       |       |       |       | 6.1        | 5.4                              | 5.0            |
| (E) 080-100                      | 2.6                                  | 1.4  | 1.4   |       |       |       |       |       |       |       |       | 5.4        | 6.0                              | 5.0            |
| 110-130                          | .3                                   | .5   | .2    | .1    |       |       |       |       |       |       |       | 1.2        | 8.0                              | 7.0            |
| 140-160                          | .8                                   | .6   | .1    |       |       |       |       |       |       |       |       | 1.5        | 4.6                              | 4.5            |
| (S) 170-190                      | 1.3                                  | .8   | .3    | .1    |       |       |       |       |       |       |       | 2.5        | 5.4                              | 4.0            |
| 200-220                          | 1.6                                  | 2.2  | 3.2   | 1.1   | .6    | .4    |       |       |       |       |       | 9.1        | 10.9                             | 10.0           |
| 230-250                          | 2.8                                  | 5.3  | 8.0   | 6.5   | 1.2   |       |       |       |       |       |       | 23.7       | 11.5                             | 12.0           |
| (W) 260-280                      | 1.7                                  | 3.1  | 7.6   | 4.8   | 1.3   |       |       |       |       |       |       | 18.6       | 12.3                             | 12.0           |
| 290-310                          | .9                                   | 1.7  | 5.2   | 3.1   | 2.0   | .3    |       |       |       |       |       | 13.2       | 13.9                             | 14.0           |
| 320-340                          | .4                                   |      | .1    | .1    |       |       |       |       |       |       |       | .6         | 5.5                              | 2.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 9.7        | //////////////////////////////// |                |
| TOTALS                           | 19.7                                 | 21.7 | 27.1  | 15.9  | 5.1   | .7    |       |       |       |       |       | 100.0      | 9.2                              | 10.0           |
| TOTAL NUMBER OF OBSERVATIONS 930 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 18-20

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 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                                  | .4   | .2    |       |       |       |       |       |       |       |       | 2.2        | 4.3          | 3.5            |
| 020-040                | 1.0                                  | .3   |       |       |       |       |       |       |       |       |       | 1.3        | 3.3          | 2.5            |
| 050-070                | 1.4                                  | .5   | .2    |       |       |       |       |       |       |       |       | 2.2        | 4.3          | 4.0            |
| (E) 080-00             | 1.8                                  | 1.4  | .1    |       |       |       |       |       |       |       |       | 3.3        | 4.5          | 4.0            |
| 110-130                | .9                                   | .2   | .1    | .1    |       |       |       |       |       |       |       | 1.3        | 4.9          | 3.0            |
| 140-160                | .5                                   | .1   | .1    |       |       |       |       |       |       |       |       | .8         | 3.7          | 3.0            |
| (S) 170-190            | .6                                   | .5   | .4    |       |       |       |       |       |       |       |       | 1.6        | 6.3          | 6.0            |
| 200-220                | 2.0                                  | 3.1  | 2.3   | .9    | .3    |       |       |       |       |       |       | 8.6        | 8.6          | 8.0            |
| 230-250                | 5.1                                  | 11.5 | 11.6  | 3.3   | .1    |       |       |       |       |       |       | 31.6       | 8.9          | 9.0            |
| (W) 260-280            | 3.4                                  | 7.1  | 5.8   | 2.7   | .6    |       |       |       |       |       |       | 19.7       | 9.5          | 9.0            |
| 290-310                | 3.7                                  | 5.5  | 3.8   | .9    | .3    | .1    |       |       |       |       |       | 14.2       | 8.4          | 8.0            |
| 320-340                | .3                                   | .5   |       | .1    |       |       |       |       |       |       |       | 1.0        | 5.9          | 6.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 12.3       | ////////     |                |
| TOTALS                 | 22.2                                 | 31.1 | 24.6  | 8.0   | 1.3   | .1    |       |       |       |       |       | 100.0      | 7.3          | 8.0            |

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 21-23

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 1.6                                  | 1.0  |       |       |       |       |       |       |       |       |       | 2.6        | 3.6          | 4.0            |
| 020-040                          | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 3.0          | 3.0            |
| 050-070                          | .3                                   | .3   | .3    |       |       |       |       |       |       |       |       | 1.0        | 6.7          | 3.0            |
| (E) 080-100                      | .6                                   |      |       |       |       |       |       |       |       |       |       | .6         | 3.0          | 3.0            |
| 110-130                          | .6                                   | .6   |       |       |       |       |       |       |       |       |       | 1.3        | 4.5          | 4.5            |
| 140-160                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0          | 4.0            |
| (S) 170-190                      | 3.6                                  | 1.9  |       | .3    |       |       |       |       |       |       |       | 5.8        | 4.9          | 4.0            |
| 200-220                          | 7.4                                  | 5.8  | 2.6   |       |       |       |       |       |       |       |       | 15.9       | 5.6          | 5.0            |
| 230-250                          | 9.7                                  | 12.3 | 9.4   | 3.2   |       |       |       |       |       |       |       | 34.6       | 7.9          | 8.0            |
| (W) 260-280                      | 2.6                                  | 4.5  | 3.2   | 1.3   | .3    | .3    |       |       |       |       |       | 12.3       | 9.4          | 8.5            |
| 290-310                          | 2.9                                  | 3.6  | 1.6   | .6    |       |       |       |       |       |       |       | 8.7        | 7.2          | 6.0            |
| 320-340                          | 1.0                                  | .3   |       |       |       |       |       |       |       |       |       | 1.3        | 3.0          | 3.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 14.6       | ////////     |                |
| TOTALS                           | 31.6                                 | 30.3 | 17.1  | 5.4   | .3    | .3    |       |       |       |       |       | 100.0      | 6.0          | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 309 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 2.3                  | .9   | .1    |       |       |       |       |       |       |       |       | 3.3        | 3.7          | 3.0            |
| 020-040                | 3.1                  | 1.8  | .5    | .0    |       |       |       |       |       |       |       | 5.4        | 4.7          | 4.0            |
| 050-070                | 2.5                  | 1.8  | .7    | .0    |       |       |       |       |       |       |       | 5.0        | 5.3          | 4.0            |
| (E) 080-100            | 1.6                  | 1.1  | .5    | .0    |       |       |       |       |       |       |       | 3.2        | 5.3          | 5.0            |
| 110-130                | .8                   | .3   | .1    | .0    |       |       |       |       |       |       |       | 1.4        | 4.8          | 4.0            |
| 140-160                | .8                   | .2   | .1    |       |       |       |       |       |       |       |       | 1.1        | 4.0          | 3.0            |
| (S) 170-190            | 1.8                  | .9   | .3    | .0    | .0    |       |       |       |       |       |       | 3.1        | 4.8          | 4.0            |
| 200-220                | 2.9                  | 3.8  | 2.5   | .9    | .3    | .1    |       |       |       |       |       | 10.5       | 8.2          | 8.0            |
| 230-250                | 4.0                  | 6.8  | 8.7   | 4.1   | .8    | .0    |       |       |       |       |       | 24.4       | 10.0         | 10.0           |
| (W) 260-280            | 2.4                  | 3.6  | 5.1   | 3.2   | .9    | .0    |       |       |       |       |       | 15.1       | 10.9         | 11.0           |
| 290-310                | 1.9                  | 2.2  | 2.8   | 1.4   | .8    | .1    |       |       |       |       |       | 9.1        | 10.6         | 10.0           |
| 320-340                | .8                   | .3   | .1    | .0    |       | .0    |       |       |       |       |       | 1.3        | 4.8          | 3.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 17.0       | ////////     |                |
| TOTALS                 | 24.9                 | 23.7 | 21.5  | 9.6   | 2.8   | .2    |       |       |       |       |       | 100.0      | 7.1          | 8.0            |

TOTAL NUMBER OF OBSERVATIONS 4973

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 6.5                                  | 3.2  | 3.2   |       |       |       |       |       |       |       |       | 12.9       | 5.5          | 4.5            |
| 020-40                 |                                      | 9.7  | 3.2   |       |       |       |       |       |       |       |       | 12.9       | 7.3          | 7.0            |
| 050-070                |                                      |      | 3.2   |       |       |       |       |       |       |       |       | 3.2        | 10.0         | 10.0           |
| (E) 080-100            |                                      | 3.2  |       |       |       |       |       |       |       |       |       | 3.2        | 7.0          | 7.0            |
| 110-130                |                                      | 3.2  |       |       |       |       |       |       |       |       |       | 3.2        | 6.0          | 6.0            |
| 140-160                |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| (S) 170-190            | 9.7                                  | 3.2  |       |       |       |       |       |       |       |       |       | 12.9       | 4.0          | 4.0            |
| 200-220                | 3.2                                  |      | 3.2   | 3.2   |       |       |       |       |       |       |       | 9.7        | 9.7          | 10.0           |
| 230-250                |                                      | 12.9 |       | 3.2   |       |       |       |       |       |       |       | 16.1       | 8.6          | 8.0            |
| (W) 260-280            |                                      | 3.2  |       |       |       |       |       |       |       |       |       | 3.2        | 5.0          | 5.0            |
| 290-310                | 3.2                                  |      |       |       |       |       |       |       |       |       |       | 3.2        | 4.0          | 4.0            |
| 320-340                |                                      | 6.5  |       |       |       |       |       |       |       |       |       | 6.5        | 6.5          | 6.5            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 12.9       | ////////     |                |
| TOTALS                 | 22.6                                 | 45.1 | 12.8  | 6.4   |       |       |       |       |       |       |       | 100.0      | 5.9          | 6.0            |

TOTAL NUMBER OF OBSERVATIONS 31

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .8                   |      |       |       |       |       |       |       |       |       |       | .8         | 2.0          | 2.0            |
| 020-040                          | .8                   | .8   |       |       |       |       |       |       |       |       |       | 1.7        | 6.0          | 6.0            |
| 050-070                          | .8                   |      |       |       |       |       |       |       |       |       |       | .8         | 4.0          | 4.0            |
| (E) 080-100                      | .8                   |      |       |       |       |       |       |       |       |       |       | .8         | 1.0          | 1.0            |
| 110-130                          |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 140-160                          | 1.7                  |      |       |       |       |       |       |       |       |       |       | 1.7        | 2.5          | 2.5            |
| (S) 170-190                      | 5.0                  | 3.4  |       |       |       |       |       |       |       |       |       | 8.4        | 4.3          | 4.0            |
| 200-220                          | 11.8                 | 5.9  | 1.7   |       |       |       |       |       |       |       |       | 19.3       | 4.4          | 4.0            |
| 230-250                          | 4.2                  | 12.6 | 10.1  |       |       |       |       |       |       |       |       | 26.9       | 7.9          | 8.0            |
| (W) 260-280                      | 4.2                  | 3.4  | 3.4   |       |       |       |       |       |       |       |       | 10.9       | 5.7          | 5.0            |
| 290-310                          | 2.5                  |      |       | .8    | .8    |       |       |       |       |       |       | 4.2        | 10.0         | 4.0            |
| 320-340                          | .8                   |      |       |       |       |       |       |       |       |       |       | .8         | 2.0          | 2.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 23.5       | ////////     |                |
| TOTALS                           | 33.4                 | 26.1 | 15.2  | .8    | .8    |       |       |       |       |       |       | 100.0      | 4.6          | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS 119 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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   | .1    |       |       |       |       |       |       |       |       | 1.8        | 4.1          | 3.5            |
| 020-040                          | 1.7                                  | .4   | .4    | .1    |       |       |       |       |       |       |       | 2.7        | 5.0          | 3.5            |
| 050-070                          | .8                                   | .2   | .2    |       |       |       |       |       |       |       |       | 1.2        | 4.3          | 3.0            |
| (E) 080-100                      | .3                                   | .2   |       |       |       |       |       |       |       |       |       | .6         | 4.0          | 4.0            |
| 110-130                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 1.3          | 1.0            |
| 140-160                          | .8                                   | .1   |       |       |       |       |       |       |       |       |       | .9         | 3.5          | 4.0            |
| (S) 170-190                      | 2.4                                  | .9   |       |       |       |       |       |       |       |       |       | 3.3        | 3.6          | 4.0            |
| 200-220                          | 6.0                                  | 8.4  | 4.2   | .6    |       |       |       |       |       |       |       | 19.2       | 6.6          | 6.0            |
| 230-250                          | 4.6                                  | 8.1  | 10.3  | 2.1   | .2    |       |       |       |       |       |       | 25.3       | 9.0          | 9.5            |
| (W) 260-280                      | 1.6                                  | 1.8  | 3.8   | 1.2   | .7    |       | .1    |       |       |       |       | 9.1        | 10.9         | 11.0           |
| 290-310                          | .7                                   | .8   | 1.0   | 1.0   | .1    | .2    |       |       |       |       |       | 3.8        | 11.6         | 11.0           |
| 320-340                          | .6                                   | .1   | .1    | .1    |       |       |       |       |       |       |       | .9         | 5.9          | 3.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 30.9       | ////////     |                |
| TOTALS                           | 21.0                                 | 21.4 | 20.1  | 5.1   | 1.0   | .2    | .1    |       |       |       |       | 100.0      | 5.5          | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 900 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 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    |       |       |       |       |       |       |       |       | 2.6        | 4.3                              | 4.0            |
| 020-040                          | 4.6                                  | 1.7  | 1.0   | .2    |       |       |       |       |       |       |       | 7.4        | 5.1                              | 4.0            |
| 050-070                          | 4.1                                  | 1.7  | 1.4   | .4    | .1    | .1    |       |       |       |       |       | 7.9        | 6.5                              | 4.0            |
| (E) 080-100                      | 1.8                                  | 1.1  |       |       |       |       |       |       |       |       |       | 2.9        | 3.7                              | 2.0            |
| 110-130                          | 1.4                                  | .7   |       |       |       |       |       |       |       |       |       | 2.1        | 4.1                              | 4.0            |
| 14-160                           | 2.3                                  | .2   |       | .1    |       |       |       |       |       |       |       | 2.7        | 3.5                              | 2.0            |
| (S) 170-190                      | 1.1                                  | .6   | .2    |       |       |       |       |       |       |       |       | 1.9        | 4.6                              | 4.0            |
| 200-220                          | 1.8                                  | 3.6  | 2.6   | .8    |       |       |       |       |       |       |       | 8.7        | 8.0                              | 8.0            |
| 230-250                          | .9                                   | 6.9  | 10.2  | 4.6   | 1.0   | .1    |       |       |       |       |       | 23.7       | 11.4                             | 11.0           |
| (W) 260-280                      | .8                                   | 1.8  | 5.4   | 3.1   | 1.3   | .1    |       |       |       |       |       | 12.6       | 12.9                             | 12.0           |
| 290-310                          | .6                                   | .6   | 1.1   | 1.3   | 1.1   |       |       |       |       |       |       | 4.7        | 13.6                             | 15.0           |
| 320-340                          | .9                                   | .3   | .3    |       |       |       |       |       |       |       |       | 1.6        | 5.3                              | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 21.4       | //////////////////////////////// |                |
| TOTALS                           | 22.0                                 | 19.8 | 22.5  | 10.5  | 3.5   | .3    |       |       |       |       |       | 100.0      | 7.1                              | 9.0            |
| TOTAL NUMBER OF OBSERVATIONS 900 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       |  | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |  |            |                                  |                |
| (N) 350-010                      | 1.7                                  | 1.1  |       |       |       |       |       |       |       |       |       |  | 2.8        | 4.5                              | 4.0            |
| 020-040                          | 3.3                                  | 3.2  | 1.7   | .4    |       |       |       |       |       |       |       |  | 8.7        | 6.7                              | 6.0            |
| 050-070                          | 3.7                                  | 2.4  | .9    | .3    | .1    | .2    |       |       |       |       |       |  | 7.7        | 6.8                              | 5.0            |
| (E) 080-100                      | 2.4                                  | 2.0  | .7    | .1    |       |       |       |       |       |       |       |  | 5.2        | 5.4                              | 5.0            |
| 110-130                          | 2.1                                  | 1.0  |       |       |       |       |       |       |       |       |       |  | 3.1        | 3.8                              | 3.0            |
| 140-160                          |                                      |      |       |       |       |       |       |       |       |       |       |  | 2.8        | 3.5                              | 3.0            |
| (S) 170-190                      |                                      |      |       |       |       |       |       |       |       |       |       |  | 2.2        | 5.9                              | 5.0            |
| 200-220                          |                                      |      |       |       |       |       |       |       |       |       |       |  | 8.6        | 10.3                             | 10.0           |
| 230-250                          | 2.1                                  | 1.6  |       |       | 2.0   |       |       |       |       |       |       |  | 24.4       | 12.3                             | 12.0           |
| (W) 260-280                      |                                      |      | 1.9   | 5.0   | 1.7   | .3    | .1    |       |       |       |       |  | 14.1       | 14.0                             | 15.0           |
| 290-310                          | .7                                   | 1.1  | 2.0   | 2.6   | 1.9   | .2    | .1    |       |       |       |       |  | 8.6        | 14.5                             | 15.0           |
| 320-340                          | .7                                   | .6   | .1    | .2    |       |       |       |       |       |       |       |  | 1.6        | 6.8                              | 5.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |  |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       |  | 10.3       | //////////////////////////////// |                |
| TOTALS                           | 21.1                                 | 21.9 | 21.8  | 17.9  | 5.9   | .7    | .2    |       |       |       |       |  | 100.0      | 9.1                              | 10.0           |
| TOTAL NUMBER OF OBSERVATIONS 900 |                                      |      |       |       |       |       |       |       |       |       |       |  |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723910

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 13-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .8                   | .4   |       |       |       |       |       |       |       |       |       | 1.2        | 4.0          | 4.0            |
| 020-040                          | 2.6                  | 1.6  | .2    | .1    |       | .1    |       |       |       |       |       | 4.6        | 5.4          | 4.0            |
| 050-070                          | 1.3                  | 2.2  | 1.0   | .1    | .1    |       |       |       |       |       |       | 4.8        | 7.1          | 6.0            |
| (E) 080-100                      | 1.9                  | 2.0  | .6    |       |       |       |       |       |       |       |       | 4.4        | 5.8          | 6.0            |
| 110-130                          | 1.2                  | .1   |       |       |       |       |       |       |       |       |       | 1.3        | 3.2          | 3.0            |
| 140-160                          | .4                   | .3   | .1    |       |       |       |       |       |       |       |       | .9         | 4.5          | 4.5            |
| (S) 170-190                      | .6                   | .6   | .2    |       |       |       |       |       |       |       |       | 1.3        | 6.1          | 5.5            |
| 200-220                          | 1.9                  | 1.6  | 1.9   | 2.7   | .3    |       |       |       |       |       |       | 8.3        | 10.7         | 10.0           |
| 230-250                          | 1.3                  | 3.2  | 12.1  | 13.1  | 3.0   | .1    |       |       |       |       |       | 32.9       | 13.7         | 14.0           |
| (W) 260-280                      | 1.4                  | 3.2  | 6.9   | 4.3   | 1.8   | .1    | .2    |       |       |       |       | 18.0       | 12.7         | 12.0           |
| 290-310                          | .6                   | .1   | 4.4   | 4.7   | 2.1   | .8    |       | .1    |       |       |       | 13.8       | 15.3         | 16.0           |
| 320-340                          | .9                   | 1.0  | .1    | .2    |       |       |       |       |       |       |       | 2.2        | 6.2          | 5.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 6.2        | ////////     |                |
| TOTALS                           | 14.9                 | 17.3 | 27.5  | 25.2  | 7.3   | 1.1   | .2    | .1    |       |       |       | 100.0      | 11.0         | 12.0           |
| TOTAL NUMBER OF OBSERVATIONS 900 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 18-20

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 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         | 8.3                              | 9.0            |
| 020-040                | .7                                   | .6   | .1    |       |       |       |       |       |       |       |       | 1.3        | 5.1                              | 4.5            |
| 050-070                | .9                                   | .4   | .6    |       |       |       |       |       |       |       |       | 1.9        | 6.2                              | 5.0            |
| (E) 080-100            | 1.6                                  | .4   | .1    |       |       |       |       |       |       |       |       | 2.1        | 3.6                              | 4.0            |
| 110-130                | .3                                   | .1   |       |       |       |       |       |       |       |       |       | .4         | 3.0                              | 2.5            |
| 140-160                | .1                                   | .2   |       |       |       |       |       |       |       |       |       | .3         | 6.3                              | 7.0            |
| (S) 170-190            | .1                                   | .3   |       | .1    |       |       |       |       |       |       |       | .6         | 7.6                              | 7.0            |
| 200-220                | .6                                   | 2.4  | 3.1   | .4    |       |       |       |       |       |       |       | 6.6        | 9.4                              | 10.0           |
| 230-250                | 2.2                                  | 10.8 | 18.3  | 6.4   | .7    |       |       |       |       |       |       | 38.4       | 10.8                             | 10.0           |
| (W) 260-280            | 2.7                                  | 10.0 | 8.8   | 2.8   | .6    | .2    |       |       |       |       |       | 25.0       | 9.8                              | 9.0            |
| 290-310                | 1.3                                  | 4.8  | 5.4   | 2.3   | 1.2   | .4    | .2    |       |       |       |       | 15.8       | 11.7                             | 11.0           |
| 320-340                | .9                                   | .2   | .2    |       |       | .1    |       |       |       |       |       | 1.4        | 6.5                              | 4.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 5.8        | //////////////////////////////// |                |
| TOTALS                 | 11.4                                 | 30.4 | 36.7  | 12.0  | 2.5   | .7    | .2    |       |       |       |       | 100.0      | 9.5                              | 10.0           |

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 21-23

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 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         | 10.0                             | 10.0           |
| 020-040                          | .4                                   |      | .4    |       |       |       |       |       |       |       |       | .9         | 5.5                              | 5.5            |
| 050-070                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                      |                                      |      | .9    |       |       |       |       |       |       |       |       | .9         | 11.0                             | 11.0           |
| 110-130                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                          | .9                                   | .4   |       |       |       |       |       |       |       |       |       | 1.3        | 3.7                              | 4.0            |
| (S) 170-190                      | 1.8                                  | 1.3  |       |       |       |       |       |       |       |       |       | 3.1        | 5.1                              | 4.0            |
| 200-220                          | 3.1                                  | 9.8  | 1.8   | .4    |       |       |       |       |       |       |       | 15.1       | 7.1                              | 7.5            |
| 230-250                          | 7.1                                  | 17.3 | 13.3  | .9    |       |       |       |       |       |       |       | 38.7       | 8.0                              | 8.0            |
| (W) 260-280                      | 3.6                                  | 6.2  | 4.9   | 1.3   | .9    |       | .4    |       |       |       |       | 17.3       | 9.5                              | 8.0            |
| 290-310                          |                                      | 4.9  | 1.8   | 1.8   | 2.2   |       |       |       |       |       |       | 10.7       | 12.0                             | 10.0           |
| 320-340                          | .9                                   | .4   |       |       |       |       |       |       |       |       |       | 1.3        | 4.3                              | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 10.2       | //////////////////////////////// |                |
| TOTALS                           | 17.9                                 | 40.3 | 23.5  | 4.4   | 3.1   |       | .4    |       |       |       |       | 100.0      | 7.6                              | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 225 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 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                  | .5   | .1    |       |       |       |       |       |       |       |       | 1.7        | 4.5          | 4.0            |
| 020-040                | 2.4                  | 1.4  | .7    | .2    |       | .0    |       |       |       |       |       | 4.7        | 5.7          | 4.0            |
| 050-070                | 2.0                  | 1.3  | .8    | .2    | .1    | .1    |       |       |       |       |       | 4.4        | 6.5          | 5.0            |
| (E) 080-100            | 1.5                  | 1.1  | .3    | .0    |       |       |       |       |       |       |       | 2.9        | 5.0          | 4.0            |
| 110-130                | 1.0                  | .4   |       |       |       |       |       |       |       |       |       | 1.4        | 3.6          | 3.0            |
| 140-160                | 1.1                  | .4   | .0    | .0    |       |       |       |       |       |       |       | 1.5        | 3.7          | 3.0            |
| (S) 170-190            | 1.2                  | .8   | .1    | .0    | .0    |       |       |       |       |       |       | 2.1        | 4.9          | 4.0            |
| 200-220                | 2.6                  | 4.0  | 2.8   | 1.2   | .1    |       |       |       |       |       |       | 10.7       | 8.2          | 8.0            |
| 230-250                | 2.5                  | 7.1  | 12.1  | 6.3   | 1.3   | .0    |       |       |       |       |       | 29.4       | 11.2         | 11.0           |
| (W) 260-280            | 1.5                  | 4.0  | 5.7   | 3.1   | 1.2   | .1    | .1    |       |       |       |       | 15.7       | 11.6         | 11.0           |
| 290-310                | .8                   | 1.8  | 2.7   | 2.3   | 1.3   | .3    | .1    | .0    |       |       |       | 9.2        | 13.4         | 1.0            |
| 320-340                | .8                   | .4   | .2    | .1    |       | .0    |       |       |       |       |       | 1.5        | 6.0          | 4.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 14.9       | ////////     |                |
| TOTALS                 | 18.4                 | 23.2 | 25.5  | 13.4  | 4.0   | .5    | .2    |       |       |       |       | 100.0      | 8.3          | 10.0           |

TOTAL NUMBER OF OBSERVATIONS 4844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: ALL

CAJEGORY 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 |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 020-040     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 050-070     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| (E) 080-100 |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 110-130     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 140-160     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| (S) 170-190 |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 200-220     | 100.0                |                     |     |       |       |       |       |       |       |       |       | 100.0 | 4.0              | 4.0    |
| 230-250     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| (W) 260-280 |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 290-310     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| 320-340     |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| VARIABLE    |                      |                     |     |       |       |       |       |       |       |       |       |       |                  |        |
| CALM        | //////////////////// |                     |     |       |       |       |       |       |       |       |       | .0    | //////////////// |        |
| TOTALS      | 100.0                |                     |     |       |       |       |       |       |       |       |       | 100.0 | 4.0              | 4.0    |

TOTAL NUMBER OF OBSERVATIONS 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 1.3                                  |      |       |       |       |       |       |       |       |       |       | 1.3        | 2.0                              | 2.0            |
| 020-040                          | .7                                   |      |       |       |       |       |       |       |       |       |       | .7         | 3.5                              | 3.5            |
| 050-070                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 1.0                              | 1.0            |
| (E) 080-100                      | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 2.0                              | 2.0            |
| 110-130                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                          | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 1.0                              | 1.0            |
| (S) 170-190                      | 3.9                                  | 2.6  |       |       |       |       |       |       |       |       |       | 6.5        | 4.4                              | 4.0            |
| 200-220                          | 13.7                                 | 15.6 | 3.6   | 1.0   |       |       |       |       |       |       |       | 33.9       | 6.0                              | 5.5            |
| 230-250                          | 4.9                                  | 7.5  | 7.2   | 1.6   |       |       |       |       |       |       |       | 21.2       | 8.1                              | 8.0            |
| (W) 260-280                      | 2.9                                  | 2.0  | 2.0   | .7    |       |       |       |       |       |       |       | 7.5        | 7.0                              | 6.0            |
| 290-310                          | 2.9                                  | 1.0  |       | .3    | .3    |       |       |       |       |       |       | 4.6        | 5.7                              | 2.5            |
| 320-340                          | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 1.7                              | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 21.6       | //////////////////////////////// |                |
| TOTALS                           | 32.9                                 | 28.7 | 12.8  | 3.6   | .3    |       |       |       |       |       |       | 100.0      | 4.9                              | 5.5            |
| TOTAL NUMBER OF OBSERVATIONS 307 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 1.5                                  |      |       |       |       |       |       |       |       |       |       | 1.5        | 2.0                              | 2.0            |
| 020-040                          | 1.6                                  |      |       |       |       |       |       |       |       |       |       | 1.6        | 1.9                              | 2.0            |
| 050-070                          | 1.0                                  | .1   | .1    |       |       |       |       |       |       |       |       | 1.2        | 2.9                              | 2.0            |
| (E) 080-100                      | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 2.6                              | 3.0            |
| 110-130                          | .5                                   | .1   |       |       |       |       |       |       |       |       |       | .6         | 2.0                              | 1.0            |
| 140-160                          | .6                                   | .2   |       |       |       |       |       |       |       |       |       | .9         | 3.4                              | 2.0            |
| (S) 170-190                      | 2.5                                  | 1.6  | .1    |       |       |       |       |       |       |       |       | 4.2        | 4.0                              | 4.0            |
| 200-220                          | 8.0                                  | 16.0 | 5.4   | .2    |       |       |       |       |       |       |       | 29.6       | 6.7                              | 7.0            |
| 230-250                          | 3.8                                  | 7.7  | 11.4  | 3.7   | .1    |       |       |       |       |       |       | 26.6       | 9.8                              | 10.0           |
| (W) 260-280                      | 1.3                                  | 1.4  | 3.3   | 1.4   | .2    |       |       |       |       |       |       | 7.7        | 10.5                             | 11.0           |
| 290-310                          | .4                                   | .8   | .1    | .6    | .3    |       |       |       |       |       |       | 2.3        | 11.3                             | 9.0            |
| 320-340                          | .6                                   | .1   | .1    |       |       |       |       |       |       |       |       | .9         | 4.1                              | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 22.0       | //////////////////////////////// |                |
| TOTALS                           | 22.8                                 | 28.0 | 20.5  | 5.9   | .6    |       |       |       |       |       |       | 100.0      | 6.0                              | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 927 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING OCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | .9   |       |       |       |       |       |       |       |       |       | 3.6        | 3.5          | 3.0            |
| 020-040                          | 4.4                                  | 2.1  | .2    | .2    |       |       |       |       |       |       |       | 6.9        | 4.5          | 4.0            |
| 050-070                          | 5.4                                  | 2.3  | .5    |       |       |       |       |       |       |       |       | 8.2        | 4.2          | 4.0            |
| (E) 080-100                      | 2.7                                  | .6   | .1    | .1    |       |       |       |       |       |       |       | 3.6        | 4.0          | 3.0            |
| 110-130                          | 3.1                                  | 1.1  | .1    |       |       |       |       |       |       |       |       | 4.3        | 3.3          | 3.0            |
| 140-160                          | 1.8                                  | .5   |       |       |       |       |       |       |       |       |       | 2.4        | 3.1          | 3.0            |
| (S) 170-190                      | 1.2                                  | .6   |       |       |       |       |       |       |       |       |       | 1.8        | 3.9          | 3.0            |
| 200-220                          | 1.8                                  | 5.6  | 3.6   | .6    | .2    |       |       |       |       |       |       | 11.9       | 8.6          | 8.0            |
| 230-250                          | 1.4                                  | 5.3  | 10.0  | 5.0   | .9    |       |       |       |       |       |       | 22.5       | 11.5         | 12.0           |
| (W) 260-280                      | 1.3                                  | 1.8  | 4.8   | 3.2   | .8    |       | .1    |       |       |       |       | 12.0       | 12.1         | 13.0           |
| 290-310                          | 1.6                                  | 1.1  | .9    | 1.1   | .6    | .2    |       |       |       |       |       | 5.5        | 10.7         | 10.0           |
| 320-340                          | 1.3                                  | .3   | .1    | .1    |       |       |       |       |       |       |       | 1.8        | 4.8          | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 15.4       | ////////     |                |
| TOTALS                           | 28.7                                 | 22.2 | 20.3  | 10.3  | 2.5   | .2    | .1    |       |       |       |       | 100.0      | 6.9          | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 924 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETA, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 1.6                  | 1.2  |       |       |       |       |       |       |       |       |       | 2.8        | 4.2          | 4.0            |
| 020-040                          | 2.1                  | 2.2  | .1    |       |       |       |       |       |       |       |       | 4.3        | 4.8          | 5.0            |
| 050-070                          | 3.4                  | 3.1  | .6    | .2    |       |       |       |       |       |       |       | 7.4        | 5.4          | 5.0            |
| (E) 080-100                      | 1.9                  | 1.6  | 1.1   | .1    |       |       |       |       |       |       |       | 4.8        | 6.0          | 5.0            |
| 110-130                          | 2.3                  | 1.5  | .6    |       | .1    |       |       |       |       |       |       | 4.5        | 5.6          | 4.5            |
| 140-160                          | 1.9                  | .6   |       |       |       |       |       |       |       |       |       | 2.6        | 3.6          | 3.0            |
| (S) 170-190                      | 1.8                  | 1.3  |       |       |       |       |       |       |       |       |       | 3.1        | 4.2          | 4.0            |
| 200-220                          | 2.9                  | 2.8  | 3.4   | 1.8   | 1.2   |       |       |       |       |       |       | 12.1       | 10.1         | 10.0           |
| 230-250                          | 2.5                  | 5.3  | 8.5   | 7.8   | 3.0   | .1    |       |       |       |       |       | 27.2       | 12.4         | 12.0           |
| (W) 260-280                      | 1.3                  | 2.5  | 5.4   | 4.1   | 1.3   |       |       |       |       |       |       | 14.6       | 12.2         | 12.0           |
| 290-310                          | 1.5                  | .9   | 1.9   | 2.7   | .9    | .1    | .1    |       |       |       |       | 8.1        | 12.6         | 14.0           |
| 320-340                          | .8                   | 1.1  | .1    |       | .1    |       |       |       |       |       |       | 2.1        | 5.9          | 6.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 6.4        | ////////     |                |
| TOTALS                           | 24.0                 | 24.1 | 21.7  | 16.7  | 6.6   | .2    | .1    |       |       |       |       | 100.0      | 9.0          | 9.0            |
| TOTAL NUMBER OF OBSERVATIONS 925 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | .9                                   | .3   |       |       |       |       |       |       |       |       |       | 1.2        | 3.1                              | 3.0            |
| 020-040                          | .8                                   | .4   | .1    | .1    |       |       |       |       |       |       |       | 1.4        | 5.5                              | 4.0            |
| 050-070                          | 1.1                                  | 1.8  | .5    | .1    |       |       |       |       |       |       |       | 3.6        | 6.3                              | 6.0            |
| (E) 080-100                      | .9                                   | 1.1  | .3    |       |       |       |       |       |       |       |       | 2.3        | 5.8                              | 6.0            |
| 110-130                          | 1.0                                  | .4   | .3    |       |       |       |       |       |       |       |       | 1.7        | 5.3                              | 4.0            |
| 140-160                          | 1.0                                  | .2   | .1    |       |       |       |       |       |       |       |       | 1.3        | 4.5                              | 4.0            |
| (S) 170-190                      | .8                                   | .3   | .2    | .1    |       |       |       |       |       |       |       | 1.4        | 5.6                              | 4.0            |
| 200-220                          | 1.3                                  | 1.1  | 3.1   | 3.3   | 1.3   | .3    |       |       |       |       |       | 10.4       | 13.4                             | 14.0           |
| 230-250                          | 1.4                                  | 4.6  | 12.9  | 12.6  | 5.7   | .4    |       |       |       |       |       | 37.6       | 14.1                             | 14.0           |
| (W) 260-280                      | 1.6                                  | 3.1  | 7.5   | 6.2   | 2.2   | .2    |       |       |       |       |       | 20.8       | 13.0                             | 14.0           |
| 290-310                          | 1.4                                  | 1.6  | 4.0   | 4.0   | 1.3   | .1    |       |       |       |       |       | 12.5       | 12.7                             | 13.0           |
| 320-340                          | .9                                   | .3   | .1    | .4    |       |       |       |       |       |       |       | 1.7        | 7.5                              | 5.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 4.0        | //////////////////////////////// |                |
| TOTALS                           | 13.1                                 | 15.2 | 29.1  | 26.8  | 10.5  | 1.0   |       |       |       |       |       | 100.0      | 11.8                             | 13.0           |
| TOTAL NUMBER OF OBSERVATIONS 922 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWRDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      |                                      | .1   |       |       |       |       |       |       |       |       |       | .1         | 5.0                              | 5.0            |
| 020-040                          | .4                                   | .3   |       |       |       |       |       |       |       |       |       | .8         | 4.4                              | 4.0            |
| 050-070                          | .8                                   | .3   |       |       |       |       |       |       |       |       |       | 1.1        | 3.5                              | 2.5            |
| (E) 080-100                      | .2                                   | .1   | .2    |       |       |       |       |       |       |       |       | .5         | 7.0                              | 8.0            |
| 110-130                          | .2                                   | .1   |       |       |       |       |       |       |       |       |       | .3         | 2.7                              | 2.0            |
| 140-160                          | .2                                   |      |       |       |       |       |       |       |       |       |       | .2         | 3.0                              | 3.0            |
| (S) 170-190                      | .1                                   | .2   | .3    | .1    |       |       |       |       |       |       |       | .8         | 8.6                              | 10.0           |
| 200-220                          | 1.1                                  | 1.2  | 4.4   | 2.4   | .3    | .1    |       |       |       |       |       | 9.5        | 11.8                             | 12.0           |
| 230-250                          | 2.1                                  | 10.6 | 21.2  | 9.8   | 1.6   |       |       |       |       |       |       | 45.3       | 11.6                             | 12.0           |
| (W) 260-280                      | 2.0                                  | 6.2  | 13.6  | 4.5   | .4    |       |       |       |       |       |       | 26.7       | 10.9                             | 10.0           |
| 290-310                          | .9                                   | 2.3  | 4.8   | 2.2   | 1.2   | .1    |       |       |       |       |       | 11.4       | 12.0                             | 12.0           |
| 320-340                          | .1                                   |      | .2    |       |       |       |       |       |       |       |       | .3         | 8.0                              | 10.0           |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 2.9        | //////////////////////////////// |                |
| TOTALS                           | 8.1                                  | 21.4 | 44.7  | 19.0  | 3.5   | .2    |       |       |       |       |       | 100.0      | 10.9                             | 12.0           |
| TOTAL NUMBER OF OBSERVATIONS 918 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 21-23

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|---------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                 | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                     |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 020-040                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 050-070                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| (E) 080-100                     |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 140-160                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| (S) 170-190                     |                      |      | 4.8   |       |       |       |       |       |       |       |       | 4.8        | 10.0         | 10.0           |
| 200-220                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 230-250                         | 9.5                  | 14.3 | 23.8  |       |       |       |       |       |       |       |       | 47.6       | 9.1          | 9.5            |
| (W) 260-280                     |                      | 9.5  | 4.8   | 4.8   |       |       |       |       |       |       |       | 19.0       | 9.5          | 8.5            |
| 290-310                         | 4.8                  | 9.5  | 4.8   |       |       |       |       |       |       |       |       | 19.0       | 7.5          | 7.5            |
| 320-340                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| VARIABLE                        |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                            | //////////////////// |      |       |       |       |       |       |       |       |       |       | 9.5        | ////////     |                |
| TOTALS                          | 14.3                 | 33.3 | 38.2  | 4.8   |       |       |       |       |       |       |       | 100.0      | 8.0          | 9.0            |
| TOTAL NUMBER OF OBSERVATIONS 21 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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         | 1.3                                  | .5   |       |       |       |       |       |       |       |       |       | 1.8   | 3.3      | 3.0    |
| 020-040             | 1.8                                  | .9   | .1    | .1    |       |       |       |       |       |       |       | 2.9   | 4.4      | 4.0    |
| 050-070             | 2.2                                  | 1.4  | .3    | .1    |       |       |       |       |       |       |       | 4.0   | 4.9      | 4.0    |
| (E) 080-100         | 1.3                                  | .6   | .3    | .0    |       |       |       |       |       |       |       | 2.3   | 5.1      | 4.0    |
| 110-130             | 1.3                                  | .6   | .2    |       | .0    |       |       |       |       |       |       | 2.2   | 4.4      | 3.0    |
| 140-160             | 1.1                                  | .3   | .0    |       |       |       |       |       |       |       |       | 1.4   | 3.4      | 3.0    |
| (S) 170-190         | 1.4                                  | .9   | .1    | .0    |       |       |       |       |       |       |       | 2.5   | 4.6      | 4.0    |
| 200-220             | 3.7                                  | 6.0  | 3.9   | 1.6   | .6    | .1    |       |       |       |       |       | 15.8  | 8.7      | 8.0    |
| 230-250             | 2.4                                  | 6.8  | 12.5  | 7.3   | 2.1   | .1    |       |       |       |       |       | 31.2  | 11.8     | 12.0   |
| (W) 260-280         | 1.6                                  | 3.0  | 6.6   | 3.7   | .9    | .0    | .0    |       |       |       |       | 15.8  | 11.7     | 12.0   |
| 290-310             | 1.3                                  | 1.3  | 2.2   | 2.0   | .8    | .1    | .0    |       |       |       |       | 7.8   | 11.9     | 12.0   |
| 320-340             | .7                                   | .3   | .1    | .1    | .0    |       |       |       |       |       |       | 1.3   | 5.7      | 4.0    |
| VARIABLE            |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
| CALM                | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 10.9  | //////// |        |
| TOTALS              | 20.1                                 | 22.6 | 26.3  | 14.9  | 4.4   | .3    |       |       |       |       |       | 100.0 | 8.7      | 10.0   |

TOTAL NUMBER OF OBSERVATIONS 4944

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(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                    |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 020-040                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 050-070                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| (E) 080-100                    |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 110-130                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 140-160                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| (S) 170-190                    |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 200-220                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 230-250                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| (W) 260-280                    |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 290-310                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| 320-340                        |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| VARIABLE                       |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |
| CALM                           | //////////////////// |     |       |       |       |       |       |       |       |       |       | .0    | //////////////// |        |
| TOTALS                         |                      |     |       |       |       |       |       |       |       |       |       |       | .0               | .0     |
| TOTAL NUMBER OF OBSERVATIONS 0 |                      |     |       |       |       |       |       |       |       |       |       |       |                  |        |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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         | 4.0          | 4.0            |
| 020-040                          |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 050-070                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0          | 4.0            |
| (E) 080-100                      |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                          | .7                                   |      |       |       |       |       |       |       |       |       |       | .7         | 1.5          | 1.5            |
| 140-160                          |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| (S) 170-190                      | 4.0                                  | 4.0  | .3    |       |       |       |       |       |       |       |       | 8.4        | 4.8          | 5.0            |
| 200-220                          | 16.2                                 | 20.5 | 2.4   |       |       |       |       |       |       |       |       | 39.1       | 5.3          | 5.0            |
| 230-250                          | 7.7                                  | 9.1  | 7.4   | .7    |       |       |       |       |       |       |       | 24.9       | 7.1          | 7.0            |
| (W) 260-280                      | 2.4                                  | 1.0  | .7    | .7    |       |       |       |       |       |       |       | 4.7        | 6.6          | 4.5            |
| 290-310                          | 1.0                                  | .3   |       |       |       |       |       |       |       |       |       | 1.3        | 2.8          | 2.             |
| 320-340                          | .3                                   | .3   |       |       |       |       |       |       |       |       |       | .7         | 4.5          | 4.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 19.5       | ////////     |                |
| TOTALS                           | 32.9                                 | 35.2 | 10.8  | 1.4   |       |       |       |       |       |       |       | 100.0      | 4.7          | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS 297 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 1.3                                  |      |       | .1    |       |       |       |       |       |       |       | 1.4        | 3.3          | 2.0            |
| 020-040                          | 1.1                                  | .3   |       |       |       |       |       |       |       |       |       | 1.4        | 3.1          | 3.0            |
| 050-070                          | .1                                   | .1   |       | .1    |       |       |       |       |       |       |       | .3         | 8.0          | 8.0            |
| (E) 080-100                      | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 1.7          | 2.0            |
| 110-130                          | .6                                   | .2   |       |       |       |       |       |       |       |       |       | .8         | 2.7          | 2.0            |
| 140-160                          | .3                                   | .1   |       |       |       |       |       |       |       |       |       | .4         | 3.0          | 3.0            |
| (S) 170-190                      | 2.0                                  | .9   |       |       |       |       |       |       |       |       |       | 2.9        | 3.8          | 3.5            |
| 200-220                          | 11.8                                 | 18.1 | 6.3   | .3    |       |       |       |       |       |       |       | 36.6       | 6.4          | 6.0            |
| 230-250                          | 5.7                                  | 10.4 | 10.7  | 2.2   | .3    |       |       |       |       |       |       | 29.3       | 8.6          | 8.0            |
| (W) 260-280                      | 1.2                                  | 1.4  | 1.8   | .9    | .1    | .1    |       |       |       |       |       | 5.6        | 9.9          | 10.0           |
| 290-310                          | .4                                   | .7   | .1    |       |       |       |       |       |       |       |       | 1.2        | 5.6          | 6.0            |
| 320-340                          | .3                                   | .1   |       |       |       |       |       |       |       |       |       | .4         | 2.8          | 2.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 19.2       | ////////     |                |
| TOTALS                           | 25.1                                 | 32.3 | 18.9  | 3.6   | .4    | .1    |       |       |       |       |       | 100.0      | 5.8          | 7.0            |
| TOTAL NUMBER OF OBSERVATIONS 900 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 09-11

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 2.9                                  | .3   |       |       |       |       |       |       |       |       |       | 3.2        | 2.5          | 2.0            |
| 020-040                | 3.4                                  | 1.1  | .6    |       |       |       |       |       |       |       |       | 5.1        | 4.2          | 3.0            |
| 050-070                | 4.2                                  | .7   | .1    | .3    | .1    |       |       |       |       |       |       | 5.4        | 4.5          | 3.0            |
| (E) 080-100            | 2.7                                  | .7   | .7    | .1    |       |       |       |       |       |       |       | 4.1        | 5.1          | 3.0            |
| 110-130                | 1.7                                  | .2   |       |       |       |       |       |       |       |       |       | 1.9        | 2.7          | 2.0            |
| 140-160                | .9                                   | .2   |       |       |       |       |       |       |       |       |       | 1.1        | 3.3          | 2.5            |
| (S) 170-190            | 1.7                                  | .7   |       |       |       |       |       |       |       |       |       | 2.3        | 3.5          | 4.0            |
| 200-220                | 4.9                                  | 8.0  | 3.1   | .4    | .1    |       |       |       |       |       |       | 16.6       | 6.7          | 6.0            |
| 230-250                | 4.9                                  | 12.0 | 11.2  | 2.4   | .3    |       |       |       |       |       |       | 30.9       | 8.8          | 9.0            |
| (W) 260-280            | 1.2                                  | 2.6  | 4.9   | 2.1   | .3    |       |       |       |       |       |       | 11.1       | 10.9         | 11.5           |
| 290-310                | 1.3                                  | .3   | .7    | .1    |       |       |       |       |       |       |       | 2.4        | 6.1          | 4.0            |
| 320-340                | 1.7                                  | .6   | .1    |       |       |       |       |       |       |       |       | 2.3        | 4.0          | 4.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 13.4       | ////////     |                |
| TOTALS                 | 31.5                                 | 27.4 | 21.4  | 5.4   | .8    |       |       |       |       |       |       | 100.0      | 6.2          | 6.0            |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 1.2                  | .6   | .1    |       |       |       |       |       |       |       |       | 1.9        | 3.8          | 3.0            |
| 020-040                          | 1.8                  | 1.0  | .3    | .1    | .1    |       |       |       |       |       |       | 3.3        | 5.5          | 4.0            |
| 050-070                          | 2.7                  | 2.1  | .4    | .1    |       |       |       |       |       |       |       | 5.3        | 5.2          | 4.5            |
| (E) 080-100                      | 1.7                  | 1.2  | 1.1   | .2    |       |       |       |       |       |       |       | 4.2        | 6.8          | 6.0            |
| 110-130                          | 1.7                  | 1.3  | .2    |       | .1    |       |       |       |       |       |       | 3.3        | 5.6          | 4.5            |
| 140-160                          | 1.6                  | 1.0  | .2    |       |       |       |       |       |       |       |       | 2.8        | 4.5          | 4.0            |
| (S) 170-190                      | 1.8                  | .8   |       |       |       |       |       |       |       |       |       | 2.6        | 4.0          | 4.0            |
| 200-220                          | 3.0                  | 4.9  | 4.4   | 1.3   | .2    |       |       |       |       |       |       | 13.9       | 8.5          | 8.0            |
| 230-250                          | 2.8                  | 9.0  | 16.4  | 6.1   | 1.6   |       |       |       |       |       |       | 35.9       | 10.9         | 10.0           |
| (W) 260-280                      | 1.9                  | 3.9  | 5.7   | 2.6   | .3    |       |       |       |       |       |       | 14.3       | 10.2         | 10.0           |
| 290-310                          | 1.2                  | .9   | 1.4   | 1.1   | .3    |       |       |       |       |       |       | 5.0        | 10.3         | 10.0           |
| 320-340                          | .9                   | .7   | .1    |       | .2    |       |       |       |       |       |       | 1.9        | 6.6          | 5.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 5.6        | ////////     |                |
| TOTALS                           | 22.3                 | 27.4 | 30.3  | 11.5  | 2.8   |       |       |       |       |       |       | 100.0      | 8.4          | 9.0            |
| TOTAL NUMBER OF OBSERVATIONS 900 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .8                   | .4   |       |       |       |       |       |       |       |       |       | 1.2        | 3.3          | 3.0            |
| 020-040                          | 1.3                  | .6   | .3    |       |       |       |       |       |       |       |       | 2.2        | 4.5          | 3.0            |
| 050-070                          | .3                   | .4   | .8    | .1    |       |       |       |       |       |       |       | 1.7        | 8.6          | 10.0           |
| (E) 080-100                      | .3                   | .6   | .4    | .1    |       |       |       |       |       |       |       | 1.4        | 7.8          | 7.0            |
| 110-130                          | .4                   |      | .1    | .1    |       |       |       |       |       |       |       | .7         | 6.3          | 3.5            |
| 140-160                          | .6                   |      | .1    |       | .1    |       |       |       |       |       |       | .8         | 6.9          | 4.0            |
| (S) 170-190                      | .1                   |      |       |       |       |       |       |       |       |       |       | .1         | 3.0          | 3.0            |
| 200-220                          | .9                   | 2.1  | 5.0   | 3.0   | .6    | .1    |       |       |       |       |       | 11.7       | 12.1         | 12.0           |
| 230-250                          | .6                   | 4.7  | 21.6  | 18.4  | 2.0   | .3    |       |       |       |       |       | 47.6       | 13.5         | 14.0           |
| (W) 260-280                      | 1.3                  | 3.0  | 6.7   | 4.0   | 1.0   |       |       |       |       |       |       | 16.0       | 12.0         | 13.0           |
| 290-310                          | .9                   | .4   | 4.6   | 4.4   | 1.1   |       |       |       |       |       |       | 11.4       | 13.7         | 14.0           |
| 320-340                          | .9                   | .6   | .1    |       |       |       |       |       |       |       |       | 1.6        | 4.7          | 3.5            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 3.7        | ////////     |                |
| TOTALS                           | 8.4                  | 12.8 | 39.7  | 30.1  | 4.8   | .4    |       |       |       |       |       | 100.0      | 11.9         | 13.0           |
| TOTAL NUMBER OF OBSERVATIONS 900 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 18-20

| WIND SPEED IN KNOTS              |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| DIRECTION<br>(DEGREES)           | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
| (N) 350-010                      |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 020-040                          | .6                                   | .4   |       |       |       |       |       |       |       |       |       | 1.0        | 4.2          | 4.0            |
| 050-070                          | .3                                   | .3   |       |       |       |       |       |       |       |       |       | .7         | 4.0          | 4.5            |
| (E) 080-100                      | .2                                   | .3   |       |       |       |       |       |       |       |       |       | .6         | 5.4          | 6.0            |
| 110-130                          | .2                                   |      |       |       |       |       |       |       |       |       |       | .2         | 2.5          | 2.5            |
| 140-160                          | .2                                   |      |       |       |       |       |       |       |       |       |       | .2         | 3.5          | 3.5            |
| (S) 170-190                      |                                      |      |       | .1    |       |       |       |       |       |       |       | .1         | 17.0         | 17.0           |
| 200-220                          | .7                                   | 3.1  | 3.1   | 1.4   | .1    |       |       |       |       |       |       | 8.4        | 10.1         | 10.0           |
| 230-250                          | 1.9                                  | 12.9 | 29.7  | 11.0  | .2    |       |       |       |       |       |       | 55.7       | 11.4         | 12.0           |
| (W) 260-280                      | .9                                   | 6.6  | 10.2  | 3.6   | .1    |       |       |       |       |       |       | 21.3       | 10.9         | 10.5           |
| 290-310                          | .4                                   | 1.4  | 4.6   | 2.2   | .9    |       |       |       |       |       |       | 9.6        | 12.7         | 14.0           |
| 320-340                          | .1                                   | .2   | .2    |       |       |       |       |       |       |       |       | .6         | 7.6          | 6.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 1.7        | ////////     |                |
| TOTALS                           | 5.5                                  | 25.2 | 47.8  | 18.3  | 1.3   |       |       |       |       |       |       | 100.0      | 10.9         | 12.0           |
| TOTAL NUMBER OF OBSERVATIONS 900 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN 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         | 1.2                                  | .3   | .0    | .0    |       |       |       |       |       |       |       | 1.5   | 3.1                              | 2.0    |
| 020-040             | 1.5                                  | .6   | .2    | .0    | .0    |       |       |       |       |       |       | 2.4   | 4.5                              | 3.0    |
| 050-070             | 1.4                                  | .7   | .2    | .1    | .0    |       |       |       |       |       |       | 2.5   | 5.3                              | 4.0    |
| (E) 080-100         | 1.0                                  | .5   | .4    | .1    |       |       |       |       |       |       |       | 2.0   | 6.0                              | 5.0    |
| 110-130             | .9                                   | .3   | .1    | .0    | .0    |       |       |       |       |       |       | 1.3   | 4.4                              | 3.5    |
| 140-160             | .7                                   | .2   | .1    |       | .0    |       |       |       |       |       |       | 1.0   | 4.4                              | 3.5    |
| (S) 170-190         | 1.3                                  | .7   | .0    | .0    |       |       |       |       |       |       |       | 2.0   | 4.2                              | 4.0    |
| 200-220             | 5.0                                  | 8.1  | 4.3   | 1.2   | .2    | .0    |       |       |       |       |       | 18.8  | 7.6                              | 7.0    |
| 230-250             | 3.5                                  | 10.0 | 17.3  | 7.5   | .8    | .1    |       |       |       |       |       | 39.2  | 10.8                             | 10.0   |
| (W) 260-280         | 1.4                                  | 3.3  | 5.5   | 2.5   | .4    | .0    |       |       |       |       |       | 13.1  | 10.8                             | 10.0   |
| 290-310             | .9                                   | .7   | 2.1   | 1.5   | .4    |       |       |       |       |       |       | 5.6   | 11.7                             | 13.0   |
| 320-340             | .7                                   | .4   | .1    |       | .0    |       |       |       |       |       |       | 1.3   | 5.1                              | 4.0    |
| VARIABLE            |                                      |      |       |       |       |       |       |       |       |       |       |       |                                  |        |
| CALM                | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 9.3   | //////////////////////////////// |        |
| TOTALS              | 19.5                                 | 25.7 | 30.3  | 12.9  | 1.8   | .1    |       |       |       |       |       | 100.0 | 8.4                              | 10.0   |

TOTAL NUMBER OF OBSERVATIONS 4840

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(DEGREES) | WIND SPEED IN KNOTS                  |     |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 020-040                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100            |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 110-130                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (S) 170-190            |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 200-220                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 230-250                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (W) 260-280            |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 290-310                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 320-340                |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| VARIABLE               |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | .0         | //////////////////////////////// |                |
| TOTALS                 |                                      |     |       |       |       |       |       |       |       |       |       | .0         |                                  | .0             |

TOTAL NUMBER OF OBSERVATIONS 0

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 03-05

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            | .7                                   |      |       |       |       |       |       |       |       |       |       | .7         | 3.0                              | 3.0            |
| 020-040                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100            | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0                              | 4.0            |
| 110-130                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                | 1.3                                  | .7   |       |       |       |       |       |       |       |       |       | 2.0        | 3.7                              | 3.5            |
| (S) 170-190            | 4.6                                  | 3.3  |       |       |       |       |       |       |       |       |       | 7.9        | 4.4                              | 4.0            |
| 200-220                | 19.9                                 | 19.5 | 3.0   |       |       |       |       |       |       |       |       | 42.4       | 5.1                              | 5.0            |
| 230-250                | 9.9                                  | 7.9  | 3.0   | .3    |       |       |       |       |       |       |       | 21.2       | 5.8                              | 5.0            |
| (W) 260-280            | 2.0                                  | .3   | .7    |       |       |       |       |       |       |       |       | 3.0        | 4.7                              | 4.0            |
| 290-310                | 1.3                                  |      |       |       |       |       |       |       |       |       |       | 1.3        | 2.5                              | 2.5            |
| 320-340                | .3                                   | .3   |       |       |       |       |       |       |       |       |       | .7         | 3.5                              | 3.5            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 20.5       | //////////////////////////////// |                |
| TOTALS                 | 40.3                                 | 32.0 | 6.7   | .3    |       |       |       |       |       |       |       | 100.0      | 4.1                              | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .9                                   |      |       |       |       |       |       |       |       |       |       | .9         | 2.3          | 2.0            |
| 020-040                          | .6                                   | .2   |       |       |       |       |       |       |       |       |       | .8         | 2.7          | 2.0            |
| 050-070                          | .4                                   |      |       |       |       |       |       |       |       |       |       | .4         | 1.8          | 1.5            |
| (E) 080-100                      |                                      | .1   |       |       |       |       |       |       |       |       |       | .1         | 9.0          | 9.0            |
| 110-130                          | .2                                   | .2   |       |       |       |       |       |       |       |       |       | .4         | 5.3          | 5.0            |
| 140-160                          | .7                                   | .3   |       |       |       |       |       |       |       |       |       | 1.0        | 4.0          | 4.0            |
| (S) 170-190                      | 3.6                                  | 3.0  | .3    |       |       |       |       |       |       |       |       | 6.9        | 4.8          | 4.0            |
| 200-220                          | 14.7                                 | 22.1 | 4.2   |       |       |       |       |       |       |       |       | 41.0       | 5.8          | 6.0            |
| 230-250                          | 6.8                                  | 10.0 | 8.3   | .7    | .2    |       |       |       |       |       |       | 26.0       | 7.7          | 8.0            |
| (W) 260-280                      | 1.5                                  | .8   | .4    | .3    |       |       |       |       |       |       |       | 3.1        | 6.4          | 4.5            |
| 290-310                          | .3                                   |      | .1    |       |       |       |       |       |       |       |       | .4         | 5.0          | 4.0            |
| 320-340                          | .9                                   | .1   |       |       |       |       |       |       |       |       |       | 1.0        | 2.1          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 17.9       | ////////     |                |
| TOTALS                           | 30.6                                 | 36.8 | 13.3  | 1.0   | .2    |       |       |       |       |       |       | 100.0      | 5.1          | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 909 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 1.8                                  | .3   |       |       |       |       |       |       |       |       |       | 2.1        | 3.1                              | 3.0            |
| 020-040                          | .4                                   | .3   | .1    |       |       |       |       |       |       |       |       | 3.9        | 3.0                              | 2.0            |
| 050-070                          | 2.9                                  | .3   |       |       |       |       |       |       |       |       |       | 3.2        | 2.9                              | 3.0            |
| (E) 080-100                      | 2.6                                  | 1.0  |       |       |       |       |       |       |       |       |       | 3.6        | 3.4                              | 3.0            |
| 110-130                          | 3.4                                  | .3   | .2    |       |       |       |       |       |       |       |       | 4.0        | 3.2                              | 2.5            |
| 140-160                          | 2.1                                  | .8   |       |       |       |       |       |       |       |       |       | 2.9        | 3.3                              | 3.0            |
| (S) 170-190                      | 2.6                                  | 1.0  | .1    |       |       |       |       |       |       |       |       | 3.7        | 3.9                              | 4.0            |
| 200-220                          | 6.2                                  | 10.3 | 2.9   | .1    |       |       |       |       |       |       |       | 19.5       | 6.2                              | 6.0            |
| 230-250                          | 6.1                                  | 13.2 | 9.7   | 1.3   |       |       |       |       |       |       |       | 30.3       | 8.1                              | 8.0            |
| (W) 260-280                      | 1.2                                  | 4.1  | 2.0   | .7    |       |       |       |       |       |       |       | 7.9        | 8.3                              | 8.0            |
| 290-310                          | 1.3                                  | .2   | .4    | .2    | .1    |       |       |       |       |       |       | 2.3        | 6.9                              | 4.0            |
| 320-340                          | 1.4                                  | .1   |       |       |       |       |       |       |       |       |       | 1.5        | 2.6                              | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 15.2       | //////////////////////////////// |                |
| TOTALS                           | 35.0                                 | 31.9 | 15.4  | 2.3   | .1    |       |       |       |       |       |       | 100.0      | 5.3                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 909 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |       |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|-------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 |            |              |                | GE 65 |
| (N) 350-010                      | 1.3                  | .3   |       |       |       |       |       |       |       |       |            | 1.7          | 3.2            | 3.0   |
| 020-040                          | 2.5                  | 1.0  | .1    |       |       |       |       |       |       |       |            | 3.6          | 4.1            | 3.0   |
| 050-070                          | 2.3                  | 1.7  | .3    |       |       |       |       |       |       |       |            | 4.3          | 4.3            | 4.0   |
| (E) 080-100                      | 3.3                  | 1.2  | .1    |       |       |       |       |       |       |       |            | 4.6          | 4.0            | 4.0   |
| 110-130                          | 2.0                  | 1.0  | .1    |       |       |       |       |       |       |       |            | 3.1          | 4.1            | 4.0   |
| 140-160                          | 2.6                  | 1.3  | .2    |       |       |       |       |       |       |       |            | 4.2          | 4.0            | 4.0   |
| (S) 170-190                      | 2.9                  | 2.4  |       |       |       |       |       |       |       |       |            | 5.3          | 4.3            | 4.0   |
| 200-220                          | 2.9                  | 7.9  | 6.6   | 1.5   |       |       |       |       |       |       |            | 18.9         | 8.5            | 8.0   |
| 230-250                          | 2.9                  | 12.5 | 14.2  | 3.9   | .2    |       |       |       |       |       |            | 33.7         | 9.8            | 10.0  |
| (W) 260-280                      | 1.4                  | 3.9  | 2.8   | 1.3   | .2    |       |       |       |       |       |            | 9.6          | 9.4            | 8.0   |
| 290-310                          | 1.4                  | 1.0  | .9    | .2    |       |       |       |       |       |       |            | 3.5          | 7.0            | 5.0   |
| 320-340                          | 1.2                  | .6   | .2    |       |       |       |       |       |       |       |            | 2.0          | 4.7            | 4.0   |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |            |              |                |       |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       | 5.6        | ////////     |                |       |
| TOTALS                           | 26.7                 | 34.8 | 25.5  | 6.9   | .4    |       |       |       |       |       |            | 100.0        | 7.2            | 7.0   |
| TOTAL NUMBER OF OBSERVATIONS 909 |                      |      |       |       |       |       |       |       |       |       |            |              |                |       |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 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   | .3    |       | .1    |       |       |       |       |       |       | 1.0        | 7.7          | 6.0            |
| 020-040                          | .3                   | .3   | .1    |       |       |       |       |       |       |       |       | .8         | 6.1          | 6.0            |
| 050-070                          | .4                   | .6   |       |       |       |       |       |       |       |       |       | 1.0        | 5.4          | 6.0            |
| (E) 080-100                      | .3                   | 1.1  | .2    | .2    | .3    |       |       |       |       |       |       | 2.2        | 9.8          | 8.0            |
| 110-130                          | .4                   | .6   | .6    | .3    |       |       |       |       |       |       |       | 1.9        | 8.5          | 7.0            |
| 140-160                          | .2                   | .6   | .3    |       |       |       |       |       |       |       |       | 1.1        | 6.9          | 6.0            |
| (S) 170-190                      | .8                   | .3   | .4    | .1    |       |       |       |       |       |       |       | 1.7        | 6.6          | 6.0            |
| 200-220                          | .6                   | 3.6  | 6.5   | 3.0   | .1    |       |       |       |       |       |       | 13.8       | 11.3         | 12.0           |
| 230-250                          | 1.7                  | 7.7  | 27.2  | 12.5  | 1.0   | .1    |       |       |       |       |       | 54.2       | 12.6         | 13.0           |
| (W) 260-280                      | .8                   | 2.8  | 7.7   | 2.2   | .7    |       |       |       |       |       |       | 13.5       | 11.4         | 11.0           |
| 290-310                          | .8                   | .8   | 2.6   | 1.9   | .3    |       |       |       |       |       |       | 6.4        | 12.2         | 13.0           |
| 320-340                          | .3                   | .3   |       | .1    |       |       |       |       |       |       |       | .8         | 5.6          | 5.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 1.8        | ////////     |                |
| TOTALS                           | 7.0                  | 18.8 | 45.4  | 24.3  | 2.5   | .1    |       |       |       |       |       | 100.0      | 11.5         | 12.0           |
| TOTAL NUMBER OF OBSERVATIONS 908 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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   | .3    | .1    |       |       |       |       |       |       |       | 1.0        | 8.1          | 8.0            |
| 020-040                          | .1                                   |      |       |       |       |       |       |       |       |       |       | .1         | 4.0          | 4.0            |
| 050-070                          | .2                                   | .4   | .2    |       |       |       |       |       |       |       |       | .9         | 7.4          | 7.5            |
| (E) 080-100                      | .2                                   | .1   |       |       |       |       |       |       |       |       |       | .3         | 5.3          | 4.0            |
| 110-130                          | .3                                   | .2   |       |       |       |       |       |       |       |       |       | .5         | 4.4          | 4.0            |
| 140-160                          | .1                                   | .1   | .2    |       |       |       |       |       |       |       |       | .4         | 9.0          | 9.0            |
| (S) 170-190                      | .2                                   | .4   | .1    |       |       |       |       |       |       |       |       | .8         | 6.4          | 5.0            |
| 200-220                          | .3                                   | 2.2  | 4.2   | 1.2   |       |       |       |       |       |       |       | 7.9        | 10.9         | 10.0           |
| 230-250                          | 1.1                                  | 15.7 | 36.2  | 11.8  | .9    |       |       |       |       |       |       | 65.6       | 11.4         | 12.0           |
| (W) 260-280                      | 1.0                                  | 4.6  | 6.8   | 2.0   | .1    |       |       |       |       |       |       | 14.5       | 10.4         | 10.0           |
| 290-310                          | .7                                   | 1.0  | 3.4   | 1.8   |       |       |       |       |       |       |       | 6.8        | 11.7         | 13.0           |
| 320-340                          | .1                                   | .2   |       |       |       |       |       |       |       |       |       | .3         | 6.3          | 8.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | .8         | //////////   |                |
| TOTALS                           | 4.6                                  | 25.1 | 51.4  | 16.9  | 1.0   |       |       |       |       |       |       | 100.0      | 11.0         | 11.0           |
| TOTAL NUMBER OF OBSERVATIONS 910 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 21-23

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND     | MEDIAN<br>WIND |
|---------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|------------------|----------------|
|                                 | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65      |                  |                |
| (N) 350-010                     |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| 020-040                         |                      |      | 2.3   |       |       |       |       |       |       |       |            | 2.3              | 12.0           |
| 050-070                         |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| (E) 080-100                     |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| 110-130                         |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| 140-160                         |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| (S) 170-190                     |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| 200-220                         | 2.3                  | 6.8  | 2.3   |       |       |       |       |       |       |       |            | 11.4             | 6.6            |
| 230-250                         | 4.5                  | 27.3 | 38.6  |       |       |       |       |       |       |       |            | 70.5             | 9.5            |
| (W) 260-280                     | 2.3                  | 9.1  |       |       |       |       |       |       |       |       |            | 11.4             | 6.6            |
| 290-310                         |                      | 2.3  |       |       |       |       |       |       |       |       |            | 2.3              | 6.0            |
| 320-340                         |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| VARIABLE                        |                      |      |       |       |       |       |       |       |       |       |            |                  |                |
| CALM                            | //////////////////// |      |       |       |       |       |       |       |       |       | 2.3        | //////////////// |                |
| TOTALS                          | 9.1                  | 45.5 | 43.2  |       |       |       |       |       |       |       |            | 100.0            | 8.6            |
| TOTAL NUMBER OF OBSERVATIONS 44 |                      |      |       |       |       |       |       |       |       |       |            |                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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         | .9                                   | .2   | .1    | .0    | .0    |       |       |       |       |       |       | 1.3   | 4.4        | 3.0    |      |
| 020-040             | 1.3                                  | .3   | .1    |       |       |       |       |       |       |       |       | 1.7   | 3.8        | 3.0    |      |
| 050-070             | 1.2                                  | .6   | .1    |       |       |       |       |       |       |       |       | 1.8   | 4.4        | 4.0    |      |
| E) 080-100          | 1.2                                  | .7   | .1    | .0    | .1    |       |       |       |       |       |       | 2.0   | 5.0        | 4.0    |      |
| 110-130             | 1.2                                  | .4   | .2    | .1    |       |       |       |       |       |       | 1.8   | 4.6   | 3.0        |        |      |
| 140-160             | 1.1                                  | .6   | .1    |       |       |       |       |       |       |       |       | 1.9   | 4.3        | 4.0    |      |
| (S) 170-190         | 2.2                                  | 1.5  | .2    | .0    |       |       |       |       |       |       | 3.9   | 4.7   | 4.0        |        |      |
| 200-220             | 5.8                                  | 9.9  | 4.7   | 1.1   | .0    |       |       |       |       |       |       | 21.5  | 7.2        | 7.0    |      |
| 230-250             | 4.1                                  | 11.7 | 18.3  | 6.4   | .4    | .0    |       |       |       |       |       |       | 40.9       | 10.4   | 10.0 |
| (W) 260-280         | 1.2                                  | 3.1  | 3.6   | 1.2   | .2    |       |       |       |       |       |       | 9.3   | 9.7        | 10.0   |      |
| 290-310             | .9                                   | .6   | 1.4   | .8    | .1    |       |       |       |       |       |       | 3.7   | 10.1       | 11.0   |      |
| 320-340             | .8                                   | .3   | .0    | .0    |       |       |       |       |       |       | 1.1   | 3.9   | 3.0        |        |      |
| VARIABLE            |                                      |      |       |       |       |       |       |       |       |       |       |       |            |        |      |
| CALM                | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 9.0   | ////////// |        |      |
| TOTALS              | 21.9                                 | 29.9 | 28.9  | 9.6   | .8    |       |       |       |       |       |       | 100.0 | 7.8        | 8.0    |      |

TOTAL NUMBER OF OBSERVATIONS 4891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: ALL

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

AND/OR

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

|           |         | WIND SPEED IN KNOTS                  |     |       |       |       |       |       |       |       |       |       |       |            |        |
|-----------|---------|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------|
| DIRECTION |         | 1-4                                  | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN       | MEDIAN |
| (DEGREES) |         |                                      |     |       |       |       |       |       |       |       |       |       | %     | WIND       | WIND   |
| (N)       | 350-010 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 020-040 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 050-070 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
| (E)       | 080-100 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 110-130 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 140-160 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
| (S)       | 170-190 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 200-220 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 230-250 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
| (W)       | 260-280 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 290-310 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | 320-340 |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
| VARIABLE  |         |                                      |     |       |       |       |       |       |       |       |       |       |       |            |        |
|           | CALM    | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | .0    | ////////// | ///    |
| TOTALS    |         |                                      |     |       |       |       |       |       |       |       |       |       |       | .0         | .0     |

TOTAL NUMBER OF OBSERVATIONS 0

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 1.7                              | 2.0            |
| 020-040                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                      | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 2.0                              | 2.0            |
| 110-130                          |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                          | 1.3                                  |      |       |       |       |       |       |       |       |       |       | 1.3        | 3.0                              | 3.0            |
| (S) 170-190                      | 7.8                                  | 4.5  |       |       |       |       |       |       |       |       |       | 12.3       | 3.9                              | 3.5            |
| 200-220                          | 16.8                                 | 13.6 | 2.6   | .3    |       |       |       |       |       |       |       | 33.3       | 5.0                              | 4.0            |
| 230-250                          | 12.3                                 | 9.7  | 1.6   | .3    |       |       |       |       |       |       |       | 23.9       | 4.8                              | 4.0            |
| (W) 260-280                      | 2.3                                  | 1.0  | .3    | .3    |       |       |       |       |       |       |       | 3.9        | 5.2                              | 3.0            |
| 290-310                          | .6                                   |      |       |       |       |       |       |       |       |       |       | .6         | 3.0                              | 3.0            |
| 320-340                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0                              | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 23.0       | //////////////////////////////// |                |
| TOTALS                           | 42.7                                 | 28.8 | 4.5   | .9    |       |       |       |       |       |       |       | 100.0      | 3.6                              | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 309 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 06-08

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 1.0                                  | .2   |       |       |       |       |       |       |       |       |       | 1.2        | 2.7          | 2.0            |
| 020-040                | 1.1                                  |      |       |       |       |       |       |       |       |       |       | 1.1        | 2.3          | 2.0            |
| 050-070                | .2                                   | .1   |       |       |       |       |       |       |       |       |       | .3         | 4.0          | 3.0            |
| (E) 080-100            | .2                                   |      |       |       |       |       |       |       |       |       |       | .2         | 2.0          | 2.0            |
| 110-130                | .4                                   | .1   |       |       |       |       |       |       |       |       |       | .5         | 2.6          | 2.0            |
| 140-160                | 1.4                                  | .1   |       |       |       |       |       |       |       |       |       | 1.5        | 2.6          | 2.5            |
| (S) 170-190            | 5.3                                  | 2.0  | .1    |       |       |       |       |       |       |       |       | 7.4        | 3.8          | 4.0            |
| 200-220                | 15.4                                 | 15.1 | 3.9   | .2    | .1    |       |       |       |       |       |       | 34.6       | 5.4          | 5.0            |
| 230-250                | 9.6                                  | 8.5  | 4.7   | .9    |       |       |       |       |       |       |       | 23.7       | 6.3          | 5.0            |
| (W) 260-280            | 2.3                                  | .3   | .6    | .1    |       |       |       |       |       |       |       | 3.3        | 4.8          | 3.0            |
| 290-310                | .2                                   | .2   |       |       |       |       |       |       |       |       |       | .4         | 3.5          | 3.5            |
| 320-340                | .5                                   |      | .1    |       |       |       |       |       |       |       |       | .6         | 3.5          | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 25.1       | ////////     |                |
| TOTALS                 | 37.6                                 | 26.6 | 9.4   | 1.2   | .1    |       |       |       |       |       |       | 100.0      | 4.0          | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 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                  | .3   |       |       |       |       |       |       |       |       |       | 2.9        | 2.9          | 3.0            |
| 020-040                          | 2.8                  | 1.1  | .1    |       |       |       |       |       |       |       |       | 4.0        | 3.3          | 3.0            |
| 050-070                          | 2.4                  | .5   | .1    |       |       |       |       |       |       |       |       | 3.0        | 3.6          | 3.0            |
| (E) 080-100                      | 2.2                  | .4   | .1    |       |       |       |       |       |       |       |       | 2.7        | 3.6          | 3.0            |
| 110-130                          | 3.1                  | .5   |       |       |       |       |       |       |       |       |       | 3.7        | 2.9          | 2.0            |
| 140-160                          | 3.7                  | .9   |       |       |       |       |       |       |       |       |       | 4.5        | 3.3          | 3.0            |
| (S) 170-190                      | 3.4                  | 1.6  |       |       |       |       |       |       |       |       |       | 5.1        | 3.6          | 3.0            |
| 200-220                          | 7.6                  | 9.7  | 5.1   | .4    |       |       |       |       |       |       |       | 22.8       | 6.6          | 6.0            |
| 230-250                          | 6.5                  | 8.9  | 6.9   | 1.0   | .1    |       |       |       |       |       |       | 23.3       | 7.5          | 8.0            |
| (W) 260-280                      | 1.9                  | 1.5  | 1.1   | .2    |       |       |       |       |       |       |       | 4.7        | 6.4          | 5.0            |
| 290-310                          | .8                   | .2   | .2    |       |       |       |       |       |       |       |       | 1.2        | 4.9          | 4.0            |
| 320-340                          | .4                   | .1   |       |       |       |       |       |       |       |       |       | .5         | 3.4          | 4.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 21.6       | ////////     |                |
| TOTALS                           | 37.4                 | 25.7 | 13.6  | 1.6   | .1    |       |       |       |       |       |       | 100.0      | 4.5          | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS 930 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 2.7                                  | .4   |       |       |       |       |       |       |       |       |       | 3.1        | 2.8          | 2.0            |
| 020-040                | 2.4                                  | .6   | .3    |       |       |       |       |       |       |       |       | 3.3        | 4.3          | 4.0            |
| 050-070                | 3.2                                  | .5   | .2    |       |       |       |       |       |       |       |       | 4.0        | 3.8          | 4.0            |
| (E) 080-100            | 3.3                                  | .6   | .1    |       |       |       |       |       |       |       |       | 4.1        | 3.0          | 2.0            |
| 110-130                | 2.6                                  | .6   | .2    |       |       |       |       |       |       |       |       | 3.4        | 3.4          | 2.0            |
| 140-160                | 2.8                                  | 1.3  |       |       |       |       |       |       |       |       |       | 4.1        | 3.9          | 3.0            |
| (S) 170-190            | 2.8                                  | 2.4  | .4    |       |       |       |       |       |       |       |       | 5.6        | 4.8          | 4.5            |
| 200-220                | 5.9                                  | 5.8  | 5.6   | .8    | .3    |       |       |       |       |       |       | 18.4       | 7.5          | 7.0            |
| 230-250                | 5.7                                  | 10.4 | 9.7   | 3.0   | .3    |       |       |       |       |       |       | 29.1       | 8.6          | 8.0            |
| (W) 260-280            | 2.2                                  | 3.4  | 2.6   | .3    | .1    |       |       |       |       |       |       | 8.6        | 7.8          | 8.0            |
| 290-310                | 1.2                                  | 1.3  | .6    | .4    |       |       |       |       |       |       |       | 3.5        | 7.1          | 6.0            |
| 320-340                | 1.6                                  | .2   |       |       |       |       |       |       |       |       |       | 1.8        | 2.8          | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 10.9       | ////////     |                |
| TOTALS                 | 36.4                                 | 27.5 | 19.7  | 4.5   | .7    |       |       |       |       |       |       | 100.0      | 5.9          | 6.0            |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 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   |       |       |       |       |       |       |       |       |       | 1.1        | 2.6          | 2.0            |
| 020-040                          | .8                   | .4   | .1    |       |       |       |       |       |       |       |       | 1.3        | 4.8          | 4.0            |
| 050-070                          | 1.1                  | .3   | .6    |       |       |       |       |       |       |       |       | 2.0        | 6.0          | 4.0            |
| (E) 080-100                      | 1.4                  | .9   | .2    |       |       |       |       |       |       |       |       | 2.5        | 4.9          | 3.0            |
| 110-130                          | 1.1                  | .2   | .3    |       | .1    |       |       |       |       |       |       | 1.7        | 5.8          | 3.0            |
| 140-160                          | .4                   | .6   |       |       |       |       |       |       |       |       |       | 1.1        | 4.8          | 6.0            |
| (S) 170-190                      | .8                   | .9   | .4    | .1    |       |       |       |       |       |       |       | 2.2        | 6.7          | 5.5            |
| 200-220                          | 2.4                  | 4.2  | 4.8   | 3.1   | .4    |       |       |       |       |       |       | 14.9       | 10.2         | 10.0           |
| 230-250                          | 3.0                  | 9.1  | 25.3  | 8.8   | 2.2   |       |       |       |       |       |       | 48.4       | 11.5         | 12.0           |
| (W) 260-280                      | 1.5                  | 1.6  | 4.7   | 2.8   | .1    |       |       |       |       |       |       | 10.8       | 11.1         | 12.0           |
| 290-310                          | 1.2                  | 1.5  | 1.6   | 1.9   | .2    |       |       |       |       |       |       | 6.5        | 10.6         | 11.5           |
| 320-340                          | .6                   | .3   |       |       |       |       |       |       |       |       |       | 1.0        | 4.1          | 4.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 6.7        | ////////     |                |
| TOTALS                           | 15.3                 | 20.1 | 38.0  | 16.7  | 3.0   |       |       |       |       |       |       | 100.0      | 9.7          | 10.0           |
| TOTAL NUMBER OF OBSERVATIONS 930 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 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         | 3.7          | 3.0            |
| 020-040                          | .1                   | .3   | .2    |       |       |       |       |       |       |       |       | .6         | 7.5          | 7.0            |
| 050-070                          |                      | .1   |       |       |       |       |       |       |       |       |       | .1         | 9.0          | 9.0            |
| (E) 080-100                      | .1                   | .3   | .2    |       | .1    |       |       |       |       |       |       | .8         | 9.7          | 8.0            |
| 110-130                          | .3                   | .1   | .4    | .1    |       |       |       |       |       |       |       | 1.0        | 8.3          | 10.0           |
| 140-160                          | .2                   |      | .1    |       |       |       |       |       |       |       |       | .3         | 6.7          | 4.0            |
| (S) 170-190                      | .9                   | .2   | .2    | .1    |       |       |       |       |       |       |       | 1.4        | 5.5          | 4.0            |
| 200-220                          | 1.4                  | 3.1  | 5.3   | 1.1   |       |       |       |       |       |       |       | 10.9       | 9.3          | 10.0           |
| 230-250                          | 3.9                  | 18.4 | 30.2  | 7.6   | 1.1   |       |       |       |       |       |       | 61.2       | 10.5         | 10.0           |
| (W) 260-280                      | 2.4                  | 5.1  | 6.7   | 1.4   |       |       |       |       |       |       |       | 15.5       | 9.1          | 10.0           |
| 290-310                          | .9                   | 1.7  | 2.7   | .5    |       |       |       |       |       |       |       | 5.8        | 9.4          | 10.0           |
| 320-340                          | .2                   | .3   |       |       |       |       |       |       |       |       |       | .5         | 6.2          | 7.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 1.2        | ////////     |                |
| TOTALS                           | 11.0                 | 29.7 | 46.0  | 10.8  | 1.2   |       |       |       |       |       |       | 100.0      | 9.7          | 10.0           |
| TOTAL NUMBER OF OBSERVATIONS 930 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 21-23

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | EDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|---------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65      |                                  |               |
| (N) 350-010                     |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| 020-040                         |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| 050-070                         |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| (E) 080-100                     |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| 110-130                         |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| 140-160                         |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| (S) 170-190                     |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| 200-220                         | 5.0                                  | 15.0 | 2.5   | 2.5   |       |       |       |       |       |       | 25.0       | 6.9                              | 6.5           |
| 230-250                         | 10.0                                 | 22.5 | 15.0  |       |       |       |       |       |       |       | 47.5       | 7.5                              | 8.0           |
| (W) 260-280                     | 10.0                                 | 5.0  | 2.5   |       |       |       |       |       |       |       | 17.5       | 5.3                              | 4.0           |
| 290-310                         |                                      | 2.5  | 2.5   |       |       |       |       |       |       |       | 5.0        | 8.5                              | 8.5           |
| 320-340                         |                                      | 2.5  |       |       |       |       |       |       |       |       | 2.5        | 5.0                              | 5.0           |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       | 2.5        | //////////////////////////////// |               |
| TOTALS                          | 25.0                                 | 47.5 | 22.5  | 2.5   |       |       |       |       |       |       | 100.0      | 6.8                              | 7.0           |
| TOTAL NUMBER OF OBSERVATIONS 40 |                                      |      |       |       |       |       |       |       |       |       |            |                                  |               |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 1.5                  | .2   |       |       |       |       |       |       |       |       |       | 1.7        | 2.8          | 2.0            |
| 020-040                | 1.3                  | .5   | .1    |       |       |       |       |       |       |       |       | 1.9        | 4.0          | 3.0            |
| 050-070                | 1.3                  | .3   | .2    |       |       |       |       |       |       |       |       | 1.8        | 4.3          | 4.0            |
| (E) 080-100            | 1.4                  | .4   | .1    |       | .0    |       |       |       |       |       |       | 1.9        | 4.1          | 3.0            |
| 110-130                | 1.4                  | .3   | .2    | .0    | .0    |       |       |       |       |       |       | 1.9        | 4.0          | 2.5            |
| 140-160                | 1.7                  | .5   | .0    |       |       |       |       |       |       |       |       | 2.2        | 3.6          | 3.0            |
| (S) 170-190            | 2.9                  | 1.6  | .2    | .0    |       |       |       |       |       |       |       | 4.8        | 4.3          | 4.0            |
| 200-220                | 7.2                  | 8.0  | 4.8   | 1.1   | .2    |       |       |       |       |       |       | 21.2       | 7.0          | 6.0            |
| 230-250                | 6.2                  | 11.1 | 14.5  | 4.0   | .7    |       |       |       |       |       |       | 36.4       | 9.3          | 10.0           |
| (W) 260-280            | 2.1                  | 2.3  | 3.0   | .9    | .0    |       |       |       |       |       |       | 8.4        | 8.5          | 9.0            |
| 290-310                | .8                   | .9   | 1.0   | .5    | .0    |       |       |       |       |       |       | 3.3        | 8.9          | 9.0            |
| 320-340                | .7                   | .2   | .0    |       |       |       |       |       |       |       |       | .9         | 3.7          | 4.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 13.6       | ////         | ////           |
| TOTALS                 | 28.5                 | 26.3 | 24.1  | 6.5   | .9    |       |       |       |       |       |       | 100.0      | 6.6          | 7.0            |

TOTAL NUMBER OF OBSERVATIONS 4999

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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.

| 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                             |
| (DEGREES)           |                                      |     |       |       |       |       |       |       |       |       |       | %     | WIND                             |
| (N) 350-010         |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 020-040             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 050-070             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| (E) 080-100         |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 110-130             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 140-160             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| (S) 170-190         |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 200-220             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 230-250             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| (W) 260-280         |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 290-310             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| 320-340             |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| VARIABLE            |                                      |     |       |       |       |       |       |       |       |       |       |       |                                  |
| CALM                | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | .0    | //////////////////////////////// |
| TOTALS              |                                      |     |       |       |       |       |       |       |       |       |       | .0    | .0                               |

TOTAL NUMBER OF OBSERVATIONS 0

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .7                                   |      |       |       |       |       |       |       |       |       |       | .7         | 2.0          | 2.0            |
| 020-040                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0          | 4.0            |
| 050-070                          | .3                                   |      |       |       |       |       |       |       |       |       |       | .3         | 4.0          | 4.0            |
| (E) 080-100                      |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                          | .3                                   | .7   |       |       |       |       |       |       |       |       |       | 1.0        | 5.3          | 5.0            |
| 140-160                          | 1.4                                  | .3   |       |       |       |       |       |       |       |       |       | 1.7        | 3.6          | 2.0            |
| (S) 170-190                      | 5.8                                  | 2.4  |       |       |       |       |       |       |       |       |       | 8.1        | 4.0          | 3.0            |
| 200-220                          | 14.9                                 | 6.8  | 1.0   |       |       |       |       |       |       |       |       | 22.7       | 4.4          | 4.0            |
| 230-250                          | 7.8                                  | 8.1  | 2.0   | .3    |       |       |       |       |       |       |       | 18.3       | 5.7          | 5.0            |
| (W) 260-280                      | 4.7                                  | 1.4  |       | .7    |       |       |       |       |       |       |       | 6.8        | 4.8          | 3.0            |
| 290-310                          | 4.1                                  |      |       |       |       |       |       |       |       |       |       | 4.1        | 2.8          | 3.0            |
| 320-340                          | 2.4                                  |      |       |       |       |       |       |       |       |       |       | 2.4        | 1.4          | 1.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 33.6       | ////////     |                |
| TOTALS                           | 42.7                                 | 19.7 | 3.0   | 1.0   |       |       |       |       |       |       |       | 100.0      | 3.0          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 295 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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   |       |       |       |       |       |       |       |       |       | 1.1        | 2.7          | 2.0            |
| 020-040                          | 1.2                                  | .2   |       |       |       |       |       |       |       |       |       | 1.5        | 2.5          | 2.0            |
| 050-070                          | .9                                   | .4   |       |       |       |       |       |       |       |       |       | 1.3        | 3.5          | 3.0            |
| (E) 080-100                      | .2                                   |      | .1    |       |       |       |       |       |       |       |       | .3         | 5.7          | 3.0            |
| 110-130                          | .1                                   | .1   |       |       |       |       |       |       |       |       |       | .2         | 3.5          | 3.5            |
| 140-160                          | .6                                   | .2   |       |       |       |       |       |       |       |       |       | .8         | 3.7          | 2.0            |
| (S) 170-190                      | 4.7                                  | 1.6  |       |       |       |       |       |       |       |       |       | 6.3        | 3.2          | 3.0            |
| 200-220                          | 10.7                                 | 8.0  | 2.0   | .3    |       |       |       |       |       |       |       | 21.0       | 5.1          | 4.0            |
| 230-250                          | 7.0                                  | 6.1  | 5.7   | 1.0   | .1    |       |       |       |       |       |       | 19.9       | 7.3          | 8.0            |
| (W) 260-280                      | 3.6                                  | .7   | .7    | .2    |       |       |       |       |       |       |       | 5.2        | 4.5          | 2.5            |
| 290-310                          | 2.6                                  | .2   |       |       |       |       |       |       |       |       |       | 2.8        | 2.4          | 2.0            |
| 320-340                          | .7                                   | .1   |       |       |       |       |       |       |       |       |       | .8         | 3.0          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 38.8       | ////////     |                |
| TOTALS                           | 33.3                                 | 17.7 | 8.5   | 1.5   | .1    |       |       |       |       |       |       | 100.0      | 3.2          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 891 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 09-11

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 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                                  | .6   |       |       |       |       |       |       |       |       |       | 4.6        | 2.9                              | 3.0            |
| 020-040                | 4.3                                  | 1.2  | .5    |       |       |       |       |       |       |       |       | 6.0        | 3.9                              | 3.0            |
| 050-070                | 3.1                                  | .9   | .6    |       |       |       |       |       |       |       |       | 4.5        | 4.8                              | 3.0            |
| (E) 080-100            | 4.0                                  | .5   | .1    |       |       |       |       |       |       |       |       | 4.5        | 3.0                              | 2.0            |
| 110-130                | 1.7                                  | .5   |       |       |       |       |       |       |       |       |       | 2.1        | 2.6                              | 2.0            |
| 140-160                | 1.2                                  |      |       |       |       |       |       |       |       |       |       | 1.2        | 2.9                              | 3.0            |
| (S) 170-190            | 1.6                                  | .3   | .1    |       |       |       |       |       |       |       |       | 2.0        | 3.6                              | 3.0            |
| 200-220                | 4.5                                  | 7.5  | 2.3   | .3    | .1    |       |       |       |       |       |       | 14.7       | 6.7                              | 6.0            |
| 230-250                | 4.1                                  | 6.9  | 8.5   | 2.6   | .3    |       |       |       |       |       |       | 22.4       | 9.1                              | 10.0           |
| (W) 260-280            | 1.5                                  | 1.4  | 1.2   | .3    |       |       |       |       |       |       |       | 4.4        | 7.4                              | 7.0            |
| 290-310                | 1.5                                  | .2   | .2    |       |       |       |       |       |       |       |       | 1.9        | 4.2                              | 3.0            |
| 320-340                | 1.7                                  |      |       |       |       |       |       |       |       |       |       | 1.7        | 2.6                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 29.8       | //////////////////////////////// |                |
| TOTALS                 | 33.3                                 | 20.0 | 13.5  | 3.2   | .4    |       |       |       |       |       |       | 100.0      | 4.4                              | 5.0            |

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 2.7                  | .8   |       |       |       |       |       |       |       |       |       | 3.5        | 3.5          | 3.0            |
| 020-040                | 4.3                  | 2.2  | .9    |       |       |       |       |       |       |       |       | 7.4        | 4.7          | 4.0            |
| 050-070                | 1.3                  | 3.4  | 1.1   |       |       |       |       |       |       |       |       | 7.8        | 5.5          | 5.0            |
| (E) 080-100            | 2.4                  | 1.9  | 1.1   | .1    | .1    |       |       |       |       |       |       | 5.7        | 6.0          | 5.0            |
| 110-130                | 3.7                  | .6   | .3    |       |       |       |       |       |       |       |       | 4.6        | 3.7          | 4.0            |
| 140-160                | 1.8                  | 1.2  |       |       |       |       |       |       |       |       |       | 3.1        | 4.2          | 4.0            |
| (S) 170-190            | 2.7                  | 1.0  | .2    |       |       |       |       |       |       |       |       | 4.0        | 3.9          | 4.0            |
| 200-220                | 2.3                  | 5.3  | 2.5   | .9    | .2    |       |       |       |       |       |       | 11.2       | 8.1          | 8.0            |
| 230-250                | 3.2                  | 7.3  | 10.1  | 3.3   | .6    |       |       |       |       |       |       | 24.4       | 10.0         | 10.0           |
| (W) 260-280            | 1.9                  | 2.4  | 1.8   | .5    | .1    |       |       |       |       |       |       | 6.7        | 7.9          | 7.0            |
| 290-310                | 1.9                  | 1.1  | 1.2   | .2    |       |       |       |       |       |       |       | 4.5        | 6.5          | 6.0            |
| 320-340                | 1.4                  | .8   | .2    |       |       |       |       |       |       |       |       | 2.4        | 4.7          | 4.0            |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 14.7       | ////////     |                |
| TOTALS                 | 31.6                 | 28.0 | 19.4  | 5.0   | 1.0   |       |       |       |       |       |       | 100.0      | 6.0          | 6.0            |

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 2.4                                  | 1.1  | .1    |       |       |       |       |       |       |       |       | 3.6        | 3.8          | 3.0            |
| 020-040                          | 1.5                                  | 1.5  | .6    |       |       |       |       |       |       |       |       | 3.5        | 5.7          | 5.0            |
| 050-070                          | 1.8                                  | 1.1  | .6    |       |       |       |       |       |       |       |       | 3.5        | 5.5          | 4.0            |
| (E) 080-100                      | 1.8                                  | 1.2  | .5    |       | .1    |       |       |       |       |       |       | 3.6        | 5.5          | 4.5            |
| 110-130                          | 1.4                                  | .7   | .1    |       |       |       |       |       |       |       |       | 2.1        | 4.1          | 3.0            |
| 140-160                          | .8                                   | .7   | .3    | .1    |       |       |       |       |       |       |       | 1.9        | 6.6          | 6.0            |
| (S) 170-190                      | 1.9                                  | .8   | .1    |       |       |       |       |       |       |       |       | 2.8        | 4.0          | 3.0            |
| 200-220                          | 1.5                                  | 3.1  | 3.6   | .8    | .1    |       |       |       |       |       |       | 9.0        | 9.1          | 9.5            |
| 230-250                          | 2.7                                  | 6.7  | 20.5  | 6.8   | 1.1   |       |       |       |       |       |       | 37.8       | 11.5         | 12.0           |
| (W) 260-280                      | 1.4                                  | 4.3  | 5.1   | 1.2   |       |       |       |       |       |       |       | 12.0       | 9.4          | 10.0           |
| 290-310                          | 1.1                                  | 2.5  | 2.1   | 1.4   | .2    |       |       |       |       |       |       | 7.4        | 9.7          | 10.0           |
| 320-340                          | 1.4                                  | 1.2  | .6    |       |       |       |       |       |       |       |       | 3.2        | 5.3          | 5.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 9.5        | ////////     |                |
| TOTALS                           | 19.7                                 | 24.9 | 34.2  | 10.3  | 1.5   |       |       |       |       |       |       | 100.0      | 8.2          | 10.0           |
| TOTAL NUMBER OF OBSERVATIONS 884 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | .7                   |      |       |       |       |       |       |       |       |       |       | .7         | 3.0          | 3.0            |
| 020-040                          | 1.0                  | .5   | .2    |       |       |       |       |       |       |       |       | 1.7        | 5.3          | 4.0            |
| 050-070                          | .7                   | .1   | .1    | .1    |       |       |       |       |       |       |       | 1.0        | 5.7          | 4.0            |
| (E) 080-100                      | .9                   | .7   | .1    |       | .2    | .1    |       |       |       |       |       | 2.0        | 7.7          | 5.0            |
| 110-130                          | .9                   | .2   |       |       |       |       |       |       |       |       |       | 1.1        | 3.2          | 2.0            |
| 140-160                          | .5                   |      |       | .1    |       |       |       |       |       |       |       | .6         | 5.2          | 2.0            |
| (S) 170-190                      | 1.0                  | .2   |       |       |       |       |       |       |       |       |       | 1.2        | 2.8          | 2.0            |
| 200-220                          | 1.8                  | 3.8  | 2.4   |       | .1    |       |       |       |       |       |       | 8.1        | 7.3          | 6.5            |
| 230-250                          | 6.8                  | 17.0 | 19.9  | 3.9   | .2    |       |       |       |       |       |       | 47.9       | 9.0          | 10.0           |
| (W) 260-280                      | 3.7                  | 9.3  | 3.8   | .3    |       |       |       |       |       |       |       | 17.2       | 7.1          | 7.0            |
| 290-310                          | 3.2                  | 5.2  | 2.5   | .2    |       |       |       |       |       |       |       | 11.0       | 6.8          | 6.0            |
| 320-340                          | .5                   | .7   | .2    |       |       |       |       |       |       |       |       | 1.4        | 6.0          | 5.5            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 6.1        | ////////     |                |
| TOTALS                           | 21.7                 | 37.7 | 29.2  | 4.6   | .5    | .1    |       |       |       |       |       | 100.0      | 7.4          | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 888 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 21-23

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                     |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 020-040                         | 2.6                                  |      |       |       |       |       |       |       |       |       |       | 2.6        | 2.0                              | 2.0            |
| 050-070                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                     |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 110-130                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (S) 170-190                     | 5.3                                  |      |       |       |       |       |       |       |       |       |       | 5.3        | 2.5                              | 2.5            |
| 200-220                         | 15.8                                 | 10.5 |       |       |       |       |       |       |       |       |       | 26.3       | 4.0                              | 4.0            |
| 230-250                         | 7.9                                  | 15.8 | 15.8  |       |       |       |       |       |       |       |       | 39.5       | 7.5                              | 7.0            |
| (W) 260-280                     | 10.5                                 |      |       |       |       |       |       |       |       |       |       | 10.5       | 2.8                              | 2.5            |
| 290-310                         | 2.6                                  |      |       |       |       |       |       |       |       |       |       | 2.6        | 1.0                              | 1.0            |
| 320-340                         | 5.3                                  |      |       |       |       |       |       |       |       |       |       | 5.3        | 2.5                              | 2.5            |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 7.9        | //////////////////////////////// |                |
| TOTALS                          | 50.0                                 | 26.3 | 15.8  |       |       |       |       |       |       |       |       | 100.0      | 4.6                              | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 38 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 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                                  | .5   | .0    |       |       |       |       |       |       |       |       | 2.6        | 3.3          | 3.0            |
| 020-040                | 2.3                                  | 1.0  | .4    |       |       |       |       |       |       |       |       | 3.8        | 4.5          | 4.0            |
| 050-070                | 1.8                                  | 1.1  | .4    | .0    |       |       |       |       |       |       |       | 3.4        | 5.2          | 4.0            |
| (E) 080-100            | 1.7                                  | .8   | .4    | .0    | .1    | .0    |       |       |       |       |       | 3.0        | 5.2          | 4.0            |
| 110-130                | 1.5                                  | .4   | .1    |       |       |       |       |       |       |       |       | 2.0        | 3.6          | 3.0            |
| 140-160                | 1.0                                  | .4   | .1    | .0    |       |       |       |       |       |       |       | 1.5        | 4.6          | 4.0            |
| (S) 170-190            | 2.6                                  | .9   | .1    |       |       |       |       |       |       |       |       | 3.6        | 3.6          | 3.0            |
| 200-220                | 4.9                                  | 5.6  | 2.4   | .4    | .1    |       |       |       |       |       |       | 13.5       | 6.5          | 6.0            |
| 230-250                | 5.0                                  | 8.8  | 12.3  | 3.3   | .4    |       |       |       |       |       |       | 29.8       | 9.4          | 10.0           |
| (W) 260-280            | 2.6                                  | 3.4  | 2.4   | .5    | .0    |       |       |       |       |       |       | 9.0        | 7.4          | 7.0            |
| 290-310                | 2.2                                  | 1.7  | 1.1   | .3    | .0    |       |       |       |       |       |       | 5.4        | 6.7          | 6.0            |
| 320-340                | 1.2                                  | .5   | .2    |       |       |       |       |       |       |       |       | 1.9        | 4.3          | 4.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 20.6       | ////////     |                |
| TOTALS                 | 28.9                                 | 25.1 | 19.9  | 4.5   | .6    |       |       |       |       |       |       | 100.0      | 5.6          | 6.0            |

TOTAL NUMBER OF OBSERVATIONS 4763

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: ALL

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

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

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 020-040                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100            |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 110-130                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 140-160                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (S) 170-190            |                                      |      | 33.3  |       |       |       |       |       |       |       |       | 33.3       | 6.0                              | 6.0            |
| 200-220                | 33.3                                 |      |       |       |       |       |       |       |       |       |       | 33.3       | 3.0                              | 3.0            |
| 230-250                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (W) 260-280            |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 290-310                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 320-340                |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 33.3       | //////////////////////////////// |                |
| TOTALS                 | 33.3                                 | 33.3 |       |       |       |       |       |       |       |       |       | 100.0      | 3.0                              | 4.5            |

TOTAL NUMBER OF OBSERVATIONS 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 03-05

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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        | 2.0          | 2.0            |
| 020-040                          | 2.5                                  |      |       |       |       |       |       |       |       |       |       | 2.5        | 2.0          | 2.0            |
| 050-070                          | 1.4                                  |      |       |       |       |       |       |       |       |       |       | 1.4        | 2.5          | 2.5            |
| (E) 080-100                      |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                          | .4                                   |      |       |       |       |       |       |       |       |       |       | .4         | 4.0          | 4.0            |
| 140-160                          | .4                                   | .4   |       |       |       |       |       |       |       |       |       | .7         | 3.5          | 3.5            |
| (S) 170-190                      | 2.2                                  | 1.4  |       |       |       |       |       |       |       |       |       | 3.6        | 4.0          | 4.0            |
| 200-220                          | 5.8                                  | 5.1  | 1.1   |       |       |       |       |       |       |       |       | 12.0       | 4.9          | 5.0            |
| 230-250                          | 9.1                                  | 4.3  | 1.8   |       |       |       |       |       |       |       |       | 15.2       | 4.9          | 4.0            |
| (W) 260-280                      | 7.6                                  | 1.1  | 1.8   |       |       |       |       |       |       |       |       | 10.5       | 4.4          | 4.0            |
| 290-310                          | 8.0                                  | .4   | .4    | .4    |       |       |       |       |       |       |       | 9.1        | 3.6          | 3.0            |
| 320-340                          | 2.9                                  |      |       |       |       |       |       |       |       |       |       | 2.9        | 2.1          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 40.6       | ////////     |                |
| TOTALS                           | 41.4                                 | 12.7 | 5.1   | .4    |       |       |       |       |       |       |       | 100.0      | 2.5          | 3.0            |
| TOTAL NUMBER OF OBSERVATIONS 276 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 06-08

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010            | 1.8                                  | .8   | .2    | .1    |       |       |       |       |       |       |       | 2.9        | 41                               | 3.0            |
| 020-040                | 3.2                                  | .2   | .1    |       |       |       |       |       |       |       |       | 3.5        | 2.3                              | 2.0            |
| 050-070                | .9                                   | .1   |       |       |       |       |       |       |       |       |       | 1.0        | 2.6                              | 2.0            |
| (E) 080-100            | .5                                   |      |       |       |       |       |       |       |       |       |       | .5         | 1.8                              | 1.0            |
| 110-130                | .4                                   |      |       |       |       |       |       |       |       |       |       | .4         | 2.5                              | 2.5            |
| 140-160                | .8                                   |      |       |       |       |       |       |       |       |       |       | .8         | 2.0                              | 1.0            |
| (S) 170-190            | 3.8                                  | 1.2  |       |       |       |       |       |       |       |       |       | 4.9        | 3.6                              | 3.0            |
| 200-220                | 5.9                                  | 4.8  | 1.3   |       |       |       |       |       |       |       |       | 12.0       | 5.1                              | 5.0            |
| 230-250                | 5.8                                  | 2.9  | 2.9   | .9    | .1    |       |       |       |       |       |       | 12.6       | 6.6                              | 6.0            |
| (W) 260-280            | 4.5                                  | 1.0  | 1.9   | .9    |       |       |       |       |       |       |       | 8.3        | 6.5                              | 4.0            |
| 290-310                | 4.4                                  | .1   | .2    |       |       | .1    |       |       |       |       |       | 4.8        | 3.4                              | 2.0            |
| 320-340                | 2.4                                  | .2   | .1    |       |       |       |       |       |       |       |       | 2.7        | 2.4                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 45.5       | //////////////////////////////// |                |
| TOTALS                 | 34.4                                 | 11.3 | 6.7   | 1.9   | .1    | .1    |       |       |       |       |       | 100.0      | 2.6                              | 3.0            |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 09-11

| WIND SPEED IN KNOTS              |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
| DIRECTION<br>(DEGREES)           | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
| (N) 350-010                      | 4.6                                  | .1   | .2    |       |       |       |       |       |       |       |       | 4.9        | 2.8          | 2.0            |
| 020-040                          | 6.5                                  | 1.5  | 1.4   | .3    | .1    | .1    |       |       |       |       |       | 9.9        | 5.2          | 3.0            |
| 050-070                          | 4.0                                  | 1.1  | .9    | .1    |       |       |       |       |       |       |       | 6.0        | 4.6          | 3.0            |
| (E) 080-100                      | 3.9                                  | .4   | .1    | .1    |       |       |       |       |       |       |       | 4.5        | 3.2          | 2.0            |
| 110-130                          | 1.9                                  | .1   |       |       |       |       |       |       |       |       |       | 2.0        | 2.2          | 2.0            |
| 140-160                          | 2.2                                  | .1   |       |       |       |       |       |       |       |       |       | 2.3        | 2.3          | 2.0            |
| (S) 170-190                      | 2.0                                  | .3   | .2    |       |       |       |       |       |       |       |       | 2.6        | 3.6          | 2.0            |
| 200-220                          | 4.1                                  | 2.8  | 1.4   | .1    |       |       |       |       |       |       |       | 8.4        | 5.6          | 5.0            |
| 230-250                          | 2.5                                  | 2.7  | 5.8   | 1.1   | .2    |       |       |       |       |       |       | 12.3       | 9.2          | 10.0           |
| (W) 260-280                      | .5                                   | 1.3  | 2.4   | 1.2   | .4    |       |       |       |       |       |       | 5.8        | 11.1         | 11.0           |
| 290-310                          | .4                                   | .1   | .9    | .4    | .1    |       |       |       |       |       |       | 1.9        | 10.8         | 11.5           |
| 320-340                          | 1.5                                  | .3   |       | .1    |       |       |       |       |       |       |       | 1.9        | 3.8          | 3.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 37.4       | ////////     |                |
| TOTALS                           | 34.1                                 | 10.8 | 13.3  | 3.4   | .8    | .1    |       |       |       |       |       | 100.0      | 3.8          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 930 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 12-14

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | 1.3  | .3    |       |       |       |       |       |       |       |       | 7.3        | 3.6          | 3.0            |
| 020-040                          | 7.5                                  | 4.3  | 2.3   | .1    | .3    |       |       |       |       |       |       | 14.5       | 5.8          | 4.0            |
| 050-070                          | 5.6                                  | 5.3  | 2.4   | .6    |       |       |       |       |       |       |       | 13.9       | 6.1          | 5.0            |
| (E) 080-100                      | 4.3                                  | 1.9  | .3    |       |       |       |       |       |       |       |       | 6.6        | 4.3          | 4.0            |
| 110-130                          | 2.8                                  | .3   | .1    |       |       |       |       |       |       |       |       | 3.2        | 3.1          | 3.0            |
| 140-160                          | 1.7                                  | .2   |       | .1    |       | .1    |       |       |       |       |       | 2.2        | 4.6          | 3.0            |
| (S) 170-190                      | 1.4                                  | .3   |       | .1    |       |       |       |       |       |       |       | 1.8        | 3.6          | 3.0            |
| 200-220                          | 1.7                                  | 2.9  | 2.0   | .6    | .1    |       |       |       |       |       |       | 7.4        | 8.2          | 8.0            |
| 230-250                          | 1.8                                  | 3.3  | 4.3   | 2.0   | .4    | .3    |       |       |       |       |       | 12.3       | 10.5         | 10.0           |
| (W) 260-280                      | 1.4                                  | 1.5  | 2.9   | 1.2   | .5    |       |       |       |       |       |       | 7.5        | 10.5         | 10.5           |
| 290-310                          | 1.3                                  | .8   | 1.1   | .8    | .5    |       |       |       |       |       |       | 4.4        | 10.2         | 10.0           |
| 320-340                          | 1.4                                  | .6   | .1    |       |       |       |       |       |       |       |       | 2.2        | 3.6          | 2.5            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 16.8       | ////////     |                |
| TOTALS                           | 36.6                                 | 22.7 | 15.8  | 5.5   | 1.8   | .4    |       |       |       |       |       | 100.0      | 5.7          | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS 930 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 2.9                  | .9   | .5    |       | .1    |       |       |       |       |       |       | 4.4        | 4.8          | 4.0            |
| 020-040                          | 4.1                  | 2.4  | 1.5   | .2    |       |       |       |       |       |       |       | 8.2        | 5.6          | 4.5            |
| 050-070                          | 4.3                  | 6.2  | 2.0   | .3    |       |       |       |       |       |       |       | 12.9       | 6.1          | 6.0            |
| (E) 080-100                      | 3.8                  | 1.9  | .3    |       |       |       |       |       |       |       |       | 6.0        | 4.5          | 4.0            |
| 110-130                          | 1.1                  | .3   |       | .1    |       |       |       |       |       |       |       | 1.5        | 4.1          | 3.5            |
| 140-160                          | 1.1                  | .3   |       | .1    |       |       |       |       |       |       |       | 1.5        | 3.6          | 2.0            |
| (S) 170-190                      | 1.7                  | .2   |       | .1    |       | .1    |       |       |       |       |       | 2.2        | 4.7          | 2.0            |
| 200-220                          | 1.2                  | 1.5  | 1.9   | .8    |       |       |       |       |       |       |       | 5.4        | 9.0          | 9.5            |
| 230-250                          | 1.8                  | 4.3  | 8.8   | 4.4   | .6    | .1    |       |       |       |       |       | 20.1       | 11.3         | 11.0           |
| (W) 260-280                      | 2.7                  | 3.2  | 4.6   | 1.5   | .4    |       |       |       |       |       |       | 12.5       | 9.5          | 10.0           |
| 290-310                          | .9                   | 1.9  | 2.6   | .8    | .6    |       |       |       |       |       |       | 6.8        | 10.6         | 10.0           |
| 320-340                          | 1.5                  | .1   | .1    | .1    | .1    |       |       |       |       |       |       | 1.9        | 4.9          | 2.0            |
| VARIABLE                         |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////// |      |       |       |       |       |       |       |       |       |       | 16.7       | ////////     |                |
| TOTALS                           | 27.1                 | 23.2 | 22.3  | 8.4   | 1.8   | .2    |       |       |       |       |       | 100.0      | 6.7          | 8.0            |
| TOTAL NUMBER OF OBSERVATIONS 930 |                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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   | .4    |       |       |       |       |       |       |       |       | 2.5        | 4.8          | 3.0            |
| 020-040                          | 1.8                                  | .5   |       |       |       |       |       |       |       |       |       | 2.4        | 3.1          | 2.0            |
| 050-070                          | 3.3                                  | .4   |       |       |       |       |       |       |       |       |       | 3.8        | 2.8          | 2.0            |
| (E) 080-100                      | 2.3                                  | 1.0  |       |       |       |       |       |       |       |       |       | 3.2        | 3.6          | 3.0            |
| 110-130                          | .6                                   | .2   |       | .1    |       |       |       |       |       |       |       | 1.0        | 4.7          | 4.0            |
| 140-160                          | .2                                   | .1   | .1    | .1    |       |       |       |       |       |       |       | .5         | 7.6          | 8.0            |
| (S) 170-190                      | 1.7                                  | .3   |       |       |       |       |       |       |       |       |       | 2.0        | 3.4          | 4.0            |
| 200-220                          | 2.9                                  | 3.9  | 1.4   | .1    |       |       |       |       |       |       |       | 8.3        | 6.3          | 6.0            |
| 230-250                          | 5.8                                  | 12.5 | 8.2   | 1.0   | .3    |       |       |       |       |       |       | 27.8       | 8.0          | 8.0            |
| (W) 260-280                      | 6.2                                  | 5.6  | 3.8   | .9    | .2    |       |       |       |       |       |       | 16.7       | 7.0          | 6.0            |
| 290-310                          | 3.8                                  | 5.9  | 1.4   | .4    | .2    | .1    |       |       |       |       |       | 11.8       | 6.9          | 6.0            |
| 320-340                          | 1.2                                  | .1   |       |       |       |       |       |       |       |       |       | 1.3        | 2.0          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 18.7       | ////////     |                |
| TOTALS                           | 31.5                                 | 30.8 | 15.3  | 2.6   | .7    | .1    |       |       |       |       |       | 100.0      | 5.3          | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 929 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 21-23

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                     | 6.5                                  |      | 1.3   |       |       |       |       |       |       |       |       | 7.8        | 4.2          | 3.5            |
| 020-040                         | 2.6                                  | 1.3  |       |       |       |       |       |       |       |       |       | 3.9        | 3.7          | 2.0            |
| 050-070                         | 1.3                                  |      |       |       |       |       |       |       |       |       |       | 1.3        | 3.0          | 3.0            |
| (E) 080-100                     |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 110-130                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| 140-160                         |                                      | 2.6  |       |       |       |       |       |       |       |       |       | 2.6        | 5.0          | 5.0            |
| (S) 170-190                     | 5.2                                  |      |       |       |       |       |       |       |       |       |       | 5.2        | 2.8          | 3.0            |
| 200-220                         | 11.7                                 | 11.7 |       |       |       |       |       |       |       |       |       | 23.4       | 4.1          | 4.5            |
| 230-250                         | 6.5                                  | 2.6  | 6.5   |       |       |       |       |       |       |       |       | 15.6       | 7.3          | 7.0            |
| (W) 260-280                     | 6.5                                  | 1.3  | 3.9   | 1.3   |       | 1.3   |       |       |       |       |       | 14.3       | 8.5          | 5.0            |
| 290-310                         | 1.3                                  | 1.3  | 1.3   |       |       |       |       |       |       |       |       | 3.9        | 7.7          | 7.0            |
| 320-340                         | 2.6                                  |      |       |       |       |       |       |       |       |       |       | 2.6        | 3.0          | 3.0            |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 19.5       | ////////     |                |
| TOTALS                          | 44.2                                 | 20.8 | 13.0  | 1.3   |       | 1.3   |       |       |       |       |       | 100.0      | 4.4          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 77 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: ALL

| WIND SPEED IN KNOTS |                                      |      |       |       |       |       |       |       |       |       |       |       |                                  |        |
|---------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------------|--------|
| DIRECTION           | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN                             | MEDIAN |
| (DEGREES)           |                                      |      |       |       |       |       |       |       |       |       |       | %     | WIND                             | WIND   |
| (N) 350-010         | 3.3                                  | .6   | .3    | .0    | .0    |       |       |       |       |       |       | 4.3   | 3.8                              | 3.0    |
| 020-040             | 4.5                                  | 1.7  | 1.0   | .1    | .1    | .0    |       |       |       |       |       | 7.4   | 5.0                              | 4.0    |
| 050-070             | 3.5                                  | 2.4  | 1.0   | .2    |       |       |       |       |       |       |       | 7.1   | 5.4                              | 5.0    |
| (E) 080-100         | 2.7                                  | 1.0  | .1    | .0    |       |       |       |       |       |       |       | 3.9   | 3.9                              | 3.0    |
| 110-130             | 1.3                                  | .2   | .0    | .0    |       |       |       |       |       |       |       | 1.5   | 3.2                              | 3.0    |
| 140-160             | 1.1                                  | .2   | .0    | .1    |       | .0    |       |       |       |       |       | 1.4   | 3.7                              | 2.0    |
| (S) 170-190         | 2.2                                  | .5   | .0    | .0    |       | .0    |       |       |       |       |       | 2.8   | 3.7                              | 3.0    |
| 200-220             | 3.4                                  | 3.4  | 1.6   | .3    | .0    |       |       |       |       |       |       | 8.7   | 6.3                              | 6.0    |
| 230-250             | 3.9                                  | 5.1  | 5.8   | 1.7   | .3    | .1    |       |       |       |       |       | 16.9  | 8.9                              | 9.0    |
| (W) 260-280         | 3.4                                  | 2.4  | 3.1   | 1.1   | .3    | .0    |       |       |       |       |       | 10.2  | 8.3                              | 8.0    |
| 290-310             | 2.5                                  | 1.7  | 1.2   | .5    | .3    | .0    |       |       |       |       |       | 6.1   | 7.6                              | 6.0    |
| 320-340             | 1.7                                  | .3   | .1    | .0    | .0    |       |       |       |       |       |       | 2.1   | 3.3                              | 2.0    |
| VARIABLE            |                                      |      |       |       |       |       |       |       |       |       |       |       |                                  |        |
| CALM                | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 27.6  | //////////////////////////////// |        |
| TOTALS              | 33.5                                 | 19.5 | 14.2  | 4.0   | 1.0   | .1    |       |       |       |       |       | 100.0 | 4.7                              | 5.0    |

TOTAL NUMBER OF OBSERVATIONS 5002

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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.

|             |           | 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 |           |                                      |     | 66.7  |       |       |       |       |       |       |       |       | 66.7  | 13.5 | 13.5   |
| 020-040     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 050-070     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| (E) 080-100 |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 110-130     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 140-160     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| (S) 170-190 |           | 33.3                                 |     |       |       |       |       |       |       |       |       |       | 33.3  | 2.0  | 2.0    |
| 200-220     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 230-250     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| (W) 260-280 |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 290-310     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| 320-340     |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| VARIABLE    |           |                                      |     |       |       |       |       |       |       |       |       |       |       |      |        |
| CALM        |           | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       |       |      | ////   |
| TOTALS      |           | 33.3                                 |     | 66.7  |       |       |       |       |       |       |       |       | 100.0 | 9.7  | 13.0   |

TOTAL NUMBER OF OBSERVATIONS 3



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 03-05

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                 | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                     | 3.1                                  |      |       |       |       |       |       |       |       |       |       | 3.1        | 2.5                              | 2.5            |
| 020-040                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 050-070                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                     |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| 110-130                         | 1.6                                  |      |       |       |       |       |       |       |       |       |       | 1.6        | 1.0                              | 1.0            |
| 140-160                         | 1.6                                  |      |       |       |       |       |       |       |       |       |       | 1.6        | 1.0                              | 1.0            |
| (S) 170-190                     | 1.6                                  |      |       |       |       |       |       |       |       |       |       | 1.6        | 3.0                              | 3.0            |
| 200-220                         | 9.4                                  | 4.7  | 1.6   |       |       |       |       |       |       |       |       | 15.6       | 5.0                              | 4.0            |
| 230-250                         | 1.6                                  | 7.8  | 7.8   |       |       |       |       |       |       |       |       | 17.2       | 8.8                              | 8.0            |
| (W) 260-280                     | 9.4                                  | 1.6  | 1.6   |       |       |       |       |       |       |       |       | 12.5       | 4.1                              | 3.0            |
| 290-310                         | 6.3                                  |      |       |       |       |       |       |       |       |       |       | 6.3        | 2.0                              | 2.0            |
| 320-340                         | 6.3                                  |      |       |       |       |       |       |       |       |       |       | 6.3        | 2.5                              | 2.5            |
| VARIABLE                        |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                            | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 34.4       | //////////////////////////////// |                |
| TOTALS                          | 40.9                                 | 14.1 | 11.0  |       |       |       |       |       |       |       |       | 100.0      | 3.3                              | 3.0            |
| TOTAL NUMBER OF OBSERVATIONS 64 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 06-08

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 1.4                                  | 1.0  | .1    |       |       |       |       |       |       |       |       | 2.5        | 4.1          | 3.5            |
| 020-040                | 2.1                                  | .2   | .1    |       |       |       |       |       |       |       |       | 2.4        | 3.3          | 2.0            |
| 050-070                | .7                                   | .1   |       |       |       |       |       |       |       |       |       | .8         | 3.3          | 4.0            |
| (E) 080-100            | .9                                   | .2   |       |       |       |       |       |       |       |       |       | 1.1        | 3.4          | 2.5            |
| 110-130                | .2                                   |      |       |       |       |       |       |       |       |       |       | .2         | 3.0          | 3.0            |
| 140-160                | .9                                   | .3   | .1    |       |       |       |       |       |       |       |       | 1.4        | 3.8          | 2.5            |
| (S) 170-190            | 2.1                                  | .9   | .1    | .1    |       |       |       |       |       |       |       | 3.2        | 4.7          | 4.0            |
| 200-220                | 4.0                                  | 3.8  | 1.4   |       | .2    |       |       |       |       |       |       | 9.4        | 5.8          | 5.0            |
| 230-250                | 5.2                                  | 5.1  | 4.5   | .8    | .1    |       |       |       |       |       |       | 15.6       | 7.5          | 8.0            |
| (W) 260-280            | 5.1                                  | 1.6  | 3.0   | .3    | .3    |       |       |       |       |       |       | 10.3       | 6.7          | 5.5            |
| 290-310                | 4.7                                  | .7   | 1.4   | .2    | .1    |       |       |       |       |       |       | 7.1        | 5.2          | 3.0            |
| 320-340                | 1.4                                  | .1   | .2    |       |       |       |       |       |       |       |       | 1.7        | 3.7          | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 44.0       | ////////     |                |
| TOTALS                 | 28.7                                 | 14.0 | 10.9  | 14    | .7    |       |       |       |       |       |       | 100.0      | 3.3          | 4.0            |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                      | 4.0                                  | 2.2  | .3    |       |       |       |       |       |       |       |       | 6.6        | 4.3          | 4.0            |
| 020-040                          | 3.8                                  | 2.3  | .7    | .2    | .1    |       |       |       |       |       |       | 7.1        | 5.5          | 4.0            |
| 050-070                          | 1.8                                  | .6   |       |       |       |       |       |       |       |       |       | 2.4        | 3.3          | 3.0            |
| (E) 080-100                      | 2.0                                  | .1   |       |       |       |       |       |       |       |       |       | 2.1        | 2.1          | 2.0            |
| 110-130                          | 1.0                                  |      |       |       |       |       |       |       |       |       |       | 1.0        | 2.2          | 2.0            |
| 140-160                          | 1.4                                  | .2   |       |       |       |       |       |       |       |       |       | 1.6        | 2.9          | 2.0            |
| (S) 170-190                      | 1.6                                  | .3   |       |       |       |       |       |       |       |       |       | 2.0        | 3.1          | 2.0            |
| 200-220                          | 4.1                                  | 2.1  | 1.7   | .3    | .1    |       |       |       |       |       |       | 8.4        | 6.5          | 5.0            |
| 230-250                          | 1.6                                  | 2.9  | 7.8   | 2.1   | .2    | .1    |       |       |       |       |       | 14.7       | 10.8         | 11.0           |
| (W) 260-280                      | .8                                   | 2.1  | 3.5   | 2.0   | .2    | .1    |       |       |       |       |       | 8.6        | 11.6         | 12.0           |
| 290-310                          | .5                                   | .5   | 1.6   | 1.3   | .1    |       |       |       |       |       |       | 3.9        | 11.5         | 12.0           |
| 320-340                          | 1.2                                  | .2   | .1    |       |       |       |       |       |       |       |       | 1.5        | 3.9          | 4.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 40.0       | ////////     |                |
| TOTALS                           | 23.8                                 | 13.5 | 15.7  | 5.9   | .7    | .2    |       |       |       |       |       | 100.0      | 4.6          | 7.0            |
| TOTAL NUMBER OF OBSERVATIONS 869 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65      |              |                |
| (N) 350-010            | 5.3                                  | 1.1  | .1    |       |       |       |       |       |       |       | 6.6        | 3.4          | 3.0            |
| 020-040                | 5.9                                  | 3.7  | .9    | .5    | .3    |       |       |       |       |       | 11.3       | 5.7          | 4.0            |
| 050-070                | 4.9                                  | 4.3  | .7    | .3    |       |       |       |       |       |       | 10.2       | 5.4          | 5.0            |
| (E) 080-100            | 2.1                                  | .8   | .1    |       |       |       |       |       |       |       | 3.0        | 3.7          | 3.0            |
| 110-130                | 1.6                                  |      | .1    |       |       |       |       |       |       |       | 1.7        | 3.1          | 2.0            |
| 140-160                | 1.7                                  | .1   | .1    |       |       |       |       |       |       |       | 2.0        | 2.8          | 2.0            |
| (S) 170-190            | 1.6                                  | .5   | .1    |       |       |       |       |       |       |       | 2.2        | 3.6          | 3.0            |
| 200-220                | 1.4                                  | 2.2  | 1.0   | .7    | .7    | .2    |       |       |       |       | 6.2        | 10.0         | 8.0            |
| 230-250                | .8                                   | 1.8  | 6.4   | 3.7   | .9    |       |       |       |       |       | 13.7       | 12.5         | 12.0           |
| (W) 260-280            | .5                                   | 1.5  | 4.4   | 2.3   | .5    | .1    |       |       |       |       | 9.2        | 12.5         | 12.0           |
| 290-310                | .6                                   | 1.3  | 2.5   | 2.4   | .9    | .2    |       |       |       |       | 7.9        | 13.4         | 14.0           |
| 320-340                | 1.3                                  | .3   |       |       |       |       |       |       |       |       | 1.6        | 2.8          | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       | 24.5       | ////////     |                |
| TOTALS                 | 27.7                                 | 17.6 | 16.4  | 9.9   | 3.3   | .5    |       |       |       |       | 100.0      | 6.3          | 7.0            |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 15-17

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                        | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010            | 3.8                                  | .9   |       |       |       |       |       |       |       |       |       | 4.7        | 3.1          | 2.0            |
| 020-040                | 4.3                                  | 1.3  | .6    | .1    | .1    |       |       |       |       |       |       | 6.3        | 4.7          | 3.0            |
| 050-070                | 3.3                                  | 3.3  | 1.1   | .6    |       |       |       |       |       |       |       | 8.4        | 6.2          | 5.0            |
| (E) 080-100            | 2.6                                  | 1.5  | .2    |       |       |       |       |       |       |       |       | 4.4        | 4.3          | 4.0            |
| 110-130                | 2.1                                  | .1   |       |       |       |       |       |       |       |       |       | 2.2        | 2.8          | 3.0            |
| 140-160                | 1.1                                  | .1   |       |       |       |       |       |       |       |       |       | 1.3        | 2.8          | 2.0            |
| (S) 170-190            | 1.3                                  | .2   |       |       |       |       |       |       |       |       |       | 1.5        | 2.8          | 3.0            |
| 200-220                | 2.5                                  | 1.6  | 1.4   | .7    | .3    | .1    |       |       |       |       |       | 6.7        | 8.3          | 7.0            |
| 230-250                | 1.8                                  | 3.7  | 7.0   | 3.4   | .2    |       |       |       |       |       |       | 16.2       | 10.6         | 10.0           |
| (W) 260-280            | 2.5                                  | 3.2  | 6.2   | 1.1   | 1.0   | .3    |       |       |       |       |       | 14.5       | 10.5         | 10.0           |
| 290-310                | .9                                   | 2.6  | 3.4   | 2.3   | .6    | .1    |       |       |       |       |       | 10.0       | 11.4         | 11.0           |
| 320-340                | .8                                   | .1   |       |       |       |       |       |       |       |       |       | .9         | 2.8          | 2.5            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 23.0       | ////////     |                |
| TOTALS                 | 27.0                                 | 18.6 | 19.9  | 8.2   | 2.2   | .5    |       |       |       |       |       | 100.0      | 6.3          | 7.0            |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 18-20

| DIRECTION<br>(DEGREES)            | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|-----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                   | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |              |                |
| (N) 350-010                       | 2.0                                  | .6   |       |       |       |       |       |       |       |       |       | 2.5        | 3.0          | 2.5            |
| 020-040                           | 2.3                                  | .7   |       |       |       |       |       |       |       |       |       | 3.0        | 3.3          | 3.5            |
| 050-070                           | 1.8                                  | .3   | .5    |       |       |       |       |       |       |       |       | 2.6        | 4.5          | 2.0            |
| (E) 080-100                       | .7                                   | .1   | .1    |       |       |       |       |       |       |       |       | .9         | 3.8          | 2.0            |
| 110-130                           | .5                                   | .2   |       |       |       |       |       |       |       |       |       | .7         | 3.7          | 3.5            |
| 140-160                           | .7                                   | .3   | .1    |       |       |       |       |       |       |       |       | 1.1        | 4.2          | 3.5            |
| (S) 170-190                       | 1.5                                  | 1.0  | .1    |       |       |       |       |       |       |       |       | 2.6        | 4.3          | 4.0            |
| 200-220                           | 4.4                                  | 3.2  | 1.3   | .1    | .1    |       |       |       |       |       |       | 9.1        | 5.7          | 5.0            |
| 230-250                           | 6.8                                  | 8.7  | 1.2   | 1.3   | .2    |       |       |       |       |       |       | 24.3       | 7.7          | 7.0            |
| (W) 260-280                       | 5.5                                  | 5.2  | 2.9   | .9    | .6    | .1    |       |       |       |       |       | 15.2       | 7.5          | 6.0            |
| 290-310                           | 8.3                                  | 1.7  | 1.6   | .1    | .1    |       |       |       |       |       |       | 11.8       | 4.9          | 4.0            |
| 320-340                           | 1.7                                  | .3   | .2    |       |       |       |       |       |       |       |       | 2.3        | 3.8          | 2.0            |
| VARIABLE                          |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                              | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 23.8       | ////////     |                |
| TOTALS                            | 36.2                                 | 22.3 | 14.0  | 2.4   | 1.0   | .1    |       |       |       |       |       | 100.0      | 4.7          | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS: 970 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 21-23

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | .3   |       |       |       |       |       |       |       |       |       | 4.5        | 3.1          | 3.0            |
| 020-040                          | 1.4                                  | 1.0  |       |       |       |       |       |       |       |       |       | 2.4        | 4.1          | 4.0            |
| 050-070                          | 1.4                                  |      |       |       |       |       |       |       |       |       |       | 1.4        | 2.5          | 2.0            |
| (E) 080-100                      | .7                                   |      |       |       |       |       |       |       |       |       |       | .7         | 2.5          | 2.5            |
| 110-130                          | 1.4                                  |      |       |       |       |       |       |       |       |       |       | 1.4        | 2.8          | 2.5            |
| 140-160                          | 1.7                                  |      |       |       |       |       |       |       |       |       |       | 1.7        | 2.8          | 3.0            |
| (S) 170-190                      | 4.5                                  | 2.1  |       | .3    |       |       |       |       |       |       |       | 6.9        | 4.3          | 3.5            |
| 200-220                          | 7.3                                  | 4.9  | 2.8   | .3    |       |       |       |       |       |       |       | 15.3       | 6.0          | 5.0            |
| 230-250                          | 6.3                                  | 7.6  | 4.5   | .7    | .3    |       |       |       |       |       |       | 19.4       | 7.1          | 6.5            |
| (W) 260-280                      | 6.9                                  | 2.8  | 4.2   | .7    |       |       |       |       |       |       |       | 14.6       | 6.7          | 5.5            |
| 290-310                          | 8.7                                  | 1.0  | .7    |       |       |       |       |       |       |       |       | 10.4       | 3.4          | 2.5            |
| 320-340                          | 2.8                                  |      |       |       |       |       |       |       |       |       |       | 2.8        | 1.8          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 18.4       | ////////     |                |
| TOTALS                           | 47.3                                 | 19.7 | 12.2  | 2.0   | .3    |       |       |       |       |       |       | 100.0      | 4.3          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 288 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: ALL

| DIRECTION<br>(DEGREES)            | WIND SPEED IN KNOTS  |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|-----------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                   | 1-4                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65      |              |                |
| (N) 350-010                       | 3.3                  | 1.1  | .1    |       |       |       |       |       |       |       | 4.6        | 3.6          | 3.0            |
| 020-040                           | 3.5                  | 1.6  | .4    | .1    | .1    |       |       |       |       |       | 5.7        | 5.0          | 4.0            |
| 050-070                           | 2.4                  | 1.6  | .4    | .2    |       |       |       |       |       |       | 4.6        | 5.3          | 4.0            |
| (E) 080-100                       | 1.6                  | .5   | .1    |       |       |       |       |       |       |       | 2.2        | 3.6          | 3.0            |
| 110-130                           | 1.1                  | .1   | .0    |       |       |       |       |       |       |       | 1.2        | 2.9          | 2.0            |
| 140-160                           | 1.2                  | .2   | .1    |       |       |       |       |       |       |       | 1.5        | 3.2          | 2.0            |
| (S) 170-190                       | 1.8                  | .7   | .1    | .0    |       |       |       |       |       |       | 2.6        | 4.0          | 3.0            |
| 200-220                           | 3.6                  | 2.7  | 1.4   | .4    | .3    | .1    |       |       |       |       | 8.5        | 6.8          | 6.0            |
| 230-250                           | 3.4                  | 4.7  | 6.5   | 2.1   | .3    | .0    |       |       |       |       | 17.1       | 9.4          | 10.0           |
| (W) 260-280                       | 3.2                  | 2.7  | 4.0   | 1.3   | .5    | .1    |       |       |       |       | 11.8       | 9.2          | 9.0            |
| 290-310                           | 3.4                  | 1.3  | 2.0   | 1.2   | .3    | .1    |       |       |       |       | 8.3        | 8.3          | 7.0            |
| 320-340                           | 1.4                  | .2   | .1    |       |       |       |       |       |       |       | 1.7        | 3.2          | 2.0            |
| VARIABLE                          |                      |      |       |       |       |       |       |       |       |       |            |              |                |
| CALM                              | //////////////////// |      |       |       |       |       |       |       |       |       | 30.3       | ////////     |                |
| TOTALS                            | 29.9                 | 17.4 | 15.2  | 5.3   | 1.5   | .3    |       |       |       |       | 100.0      | 5.0          | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 4701 |                      |      |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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<br>(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            |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 020-040                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 050-070                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| (E) 080-100            |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 110-130                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 140-160                | 33.3                 | 16.7 |       |       |       |       |       |       |       |       |       | 50.0  | 4.7              | 4.0    |
| (S) 170-190            |                      |      |       | 16.7  |       |       |       |       |       |       |       | 16.7  | 15.0             | 15.0   |
| 200-220                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 230-250                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| (W) 260-280            |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| 290-310                |                      |      |       | 16.7  |       |       |       |       |       |       |       | 16.7  | 16.0             | 16.0   |
| 320-340                |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| VARIABLE               |                      |      |       |       |       |       |       |       |       |       |       |       |                  |        |
| CALM                   | //////////////////// |      |       |       |       |       |       |       |       |       |       | 16.7  | //////////////// |        |
| TOTALS                 | 33.3                 | 16.7 |       | 33.4  |       |       |       |       |       |       |       | 100.0 | 7.5              | 8.0    |

TOTAL NUMBER OF OBSERVATIONS 6

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 03-05

| DIRECTION<br>(DEGREES)          | WIND SPEED IN KNOTS                  |     |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|---------------------------------|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                 | 1-4                                  | 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                                  |     | 1.7   |       |       |       |       |       |       |       |       | 6.7        | 5.0                              | 3.0            |
| 020-040                         | 1.7                                  |     |       |       | 1.7   |       |       |       |       |       |       | 3.3        | 11.0                             | 11.0           |
| 050-070                         |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (E) 080-100                     | 1.7                                  |     | 1.7   |       |       |       |       |       |       |       |       | 3.3        | 8.0                              | 8.0            |
| 110-130                         | 1.7                                  |     |       |       |       |       |       |       |       |       |       | 1.7        | 1.0                              | 1.0            |
| 140-160                         |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| (S) 170-190                     | 3.3                                  |     |       |       |       |       |       |       |       |       |       | 3.3        | 1.5                              | 1.5            |
| 200-220                         | 1.7                                  | 1.7 |       |       |       |       |       |       |       |       |       | 3.3        | 5.0                              | 5.0            |
| 230-250                         | 6.7                                  |     | 1.7   |       |       |       |       |       |       |       |       | 8.3        | 5.2                              | 4.0            |
| (W) 260-280                     | 5.0                                  | 1.7 |       |       |       |       |       |       |       |       |       | 6.7        | 4.3                              | 3.5            |
| 290-310                         | 13.3                                 | 1.7 |       |       |       |       |       |       |       |       |       | 15.0       | 3.2                              | 3.0            |
| 320-340                         | 1.7                                  |     | 1.7   |       |       |       |       |       |       |       |       | 3.3        | 7.5                              | 7.5            |
| VARIABLE                        |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                            | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | 45.0       | //////////////////////////////// |                |
| TOTALS                          | 41.8                                 | 5.1 | 6.8   |       | 1.7   |       |       |       |       |       |       | 100.0      | 2.6                              | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 60 |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 06-08

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |     |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 2.9                                  | 1.0 | .1    | .5    | .1    |       |       |       |       |       |       | 4.6        | 5.2                              | 3.0            |
| 020-040                          | 2.6                                  | .8  | .6    |       | .1    |       |       |       |       |       |       | 4.1        | 5.3                              | 4.0            |
| 050-070                          | .6                                   | .2  | .1    |       |       |       |       |       |       |       |       | .9         | 4.8                              | 3.0            |
| (E) 080-100                      | .6                                   | .1  | .1    |       |       |       |       |       |       |       |       | .8         | 3.9                              | 3.0            |
| 110-130                          | .7                                   | .1  |       |       |       |       |       |       |       |       |       | .8         | 3.0                              | 2.0            |
| 140-160                          | 1.0                                  | .2  |       |       |       |       |       |       |       |       |       | 1.2        | 3.2                              | 2.0            |
| (S) 170-190                      | 1.9                                  | .5  | .3    |       |       |       |       |       |       |       |       | 2.7        | 3.7                              | 2.0            |
| 200-220                          | 3.6                                  | 1.8 | .5    |       |       |       |       |       |       |       |       | 5.9        | 4.3                              | 4.0            |
| 230-250                          | 4.2                                  | 2.8 | 1.7   | .5    |       |       |       |       |       |       |       | 9.1        | 6.2                              | 5.0            |
| (W) 260-280                      | 6.0                                  | 1.2 | 1.6   | .6    |       |       |       |       |       |       |       | 9.4        | 5.2                              | 3.0            |
| 290-310                          | 5.1                                  | .5  | .9    | .2    | .3    |       |       |       |       |       |       | 7.0        | 5.2                              | 2.0            |
| 320-340                          | 1.5                                  | .1  | .1    |       |       |       |       |       |       |       |       | 1.7        | 3.1                              | 3.0            |
| VARIABLE                         |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |     |       |       |       |       |       |       |       |       |       | 51.8       | //////////////////////////////// |                |
| TOTALS                           | 30.7                                 | 9.3 | 6.0   | 1.8   | .5    |       |       |       |       |       |       | 100.0      | 2.4                              | 3.0            |
| TOTAL NUMBER OF OBSERVATIONS 886 |                                      |     |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 80  
MONTH: DEC HOURS: 09-11

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 |            |                                  |                |
| (N) 350-010                      | 3.7                                  | 1.4  | .6    |       | .6    | .1    | .1    |       |       |       |       | 6.4        | 6.4                              | 4.0            |
| 020-040                          | 3.6                                  | 2.0  | .6    | .1    | .2    |       |       |       |       |       |       | 6.5        | 5.5                              | 4.0            |
| 050-070                          | 1.9                                  | .7   | .2    | .3    | .2    |       |       |       |       |       |       | 3.4        | 6.4                              | 3.5            |
| (E) 080-100                      | 1.0                                  | .1   | .1    |       |       |       |       |       |       |       |       | 1.2        | 2.9                              | 2.0            |
| 110-130                          | .9                                   | .2   | .1    |       |       |       |       |       |       |       |       | 1.2        | 3.8                              | 2.0            |
| 140-160                          | 1.5                                  | .3   |       |       |       |       |       |       |       |       |       | 1.8        | 3.3                              | 2.0            |
| (S) 170-190                      | 1.7                                  | .5   |       |       |       |       |       |       |       |       |       | 2.1        | 2.9                              | 2.0            |
| 200-220                          | 5.0                                  | 1.9  | .7    |       |       |       |       |       |       |       |       | 7.6        | 4.3                              | 3.0            |
| 230-250                          | 3.2                                  | 3.3  | 4.6   | .5    | .2    |       |       |       |       |       |       | 11.7       | 8.3                              | 8.5            |
| (W) 260-280                      | 1.2                                  | 1.1  | 1.6   | 1.0   | .3    | .1    |       |       |       |       |       | 5.4        | 10.5                             | 11.0           |
| 290-310                          | .8                                   | .3   | .5    | .2    |       |       |       |       |       |       |       | 1.8        | 7.8                              | 7.0            |
| 320-340                          | .5                                   | .3   |       |       |       |       |       |       |       |       |       | .8         | 3.9                              | 3.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 49.9       | //////////////////////////////// |                |
| TOTALS                           | 25.0                                 | 12.1 | 9.0   | 2.1   | 1.5   | .2    | .1    |       |       |       |       | 100.0      | 3.2                              | 5.0            |
| TOTAL NUMBER OF OBSERVATIONS 886 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC. + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 12-14

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                        | 1-4                                  | 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                                  | 1.6  | .5    | .1    | .3    | .5    |       |       |       |       |       | 8.2        | 5.8                              | 4.0            |
| 020-040                | 7.8                                  | 1.1  | 1.6   | .7    | .1    |       |       |       |       |       |       | 11.4       | 5.4                              | 3.0            |
| 050-070                | 4.1                                  | 1.1  | .6    | .7    | .2    |       |       |       |       |       |       | 6.7        | 6.2                              | 4.0            |
| (E) 080-100            | 1.9                                  | .9   |       |       |       |       |       |       |       |       |       | 2.8        | 3.6                              | 3.0            |
| 110-130                | .9                                   |      |       |       |       |       |       |       |       |       |       | .9         | 2.1                              | 2.0            |
| 140-160                | 1.1                                  | .2   |       |       |       |       |       |       |       |       |       | 1.4        | 2.8                              | 2.0            |
| (S) 170-190            | 1.8                                  | .7   |       |       |       |       |       |       |       |       |       | 2.5        | 3.5                              | 2.0            |
| 200-220                | 2.5                                  | 2.0  | 1.5   | .2    | .1    |       |       |       |       |       |       | 6.4        | 7.0                              | 6.0            |
| 230-250                | 1.7                                  | 3.0  | 4.8   | 2.0   | .6    |       |       |       |       |       |       | 12.0       | 10.7                             | 12.0           |
| (W) 260-280            | .3                                   | 1.4  | 3.3   | 1.4   | .5    |       |       |       |       |       |       | 6.8        | 11.8                             | 12.0           |
| 290-310                | .8                                   | .2   | .9    | .6    | .2    |       |       |       |       |       |       | 2.7        | 10.6                             | 12.0           |
| 320-340                | 1.7                                  | .2   |       | .2    |       |       |       |       |       |       |       | 2.2        | 4.1                              | 2.0            |
| VARIABLE               |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                   | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 36.1       | //////////////////////////////// |                |
| TOTALS                 | 29.8                                 | 12.4 | 13.2  | 5.9   | 2.0   | .5    |       |       |       |       |       | 100.0      | 4.7                              | 5.0            |

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 15-17

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND                     | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------------------|----------------|
|                                  | 1-4                                  | 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                                  | 2.0  | .8    | .7    | .1    |       |       |       |       |       |       | 9.1        | 5.6                              | 4.0            |
| 020-040                          | 4.3                                  | 1.5  | 1.4   | .5    |       |       |       |       |       |       |       | 7.7        | 5.6                              | 4.0            |
| 050-070                          | 3.5                                  | 1.9  | 1.2   | .7    |       |       |       |       |       |       |       | 7.2        | 6.4                              | 5.0            |
| (E) 080-100                      | 2.3                                  | .4   |       |       |       |       |       |       |       |       |       | 2.7        | 3.2                              | 3.0            |
| 110-130                          | .7                                   | .1   |       |       |       |       |       |       |       |       |       | .8         | 3.0                              | 2.0            |
| 140-160                          | 1.2                                  | .1   |       |       |       |       |       |       |       |       |       | 1.3        | 2.6                              | 2.0            |
| (S) 170-190                      | .9                                   | .4   |       |       |       |       |       |       |       |       |       | 1.3        | 2.8                              | 2.0            |
| 200-220                          | 2.6                                  | 2.5  | 1.8   | .8    |       |       |       |       |       |       |       | 7.6        | 7.5                              | 7.0            |
| 230-250                          | 2.5                                  | 3.9  | 4.1   | 1.1   | .1    |       |       |       |       |       |       | 11.6       | 8.7                              | 9.0            |
| (W) 260-280                      | .8                                   | 1.9  | 2.8   | 1.4   | .1    | .1    |       |       |       |       |       | 7.1        | 10.7                             | 10.0           |
| 290-310                          | 1.4                                  | 1.5  | 2.9   | 1.1   | .7    | .2    | .1    |       |       |       |       | 7.9        | 11.5                             | 10.0           |
| 320-340                          | 1.6                                  | .1   |       |       |       |       |       |       |       |       |       | 1.8        | 2.6                              | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 33.9       | //////////////////////////////// |                |
| TOTALS                           | 27.3                                 | 16.3 | 15.0  | 6.3   | 1.0   | .3    | .1    |       |       |       |       | 100.0      | 4.9                              | 6.0            |
| TOTAL NUMBER OF OBSERVATIONS 856 |                                      |      |       |       |       |       |       |       |       |       |       |            |                                  |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 18-20

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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                                  | .5   | .5    | .5    |       |       |       |       |       |       |       | 5.5        | 4.8          | 3.0            |
| 020-040                          | 2.1                                  | 1.0  | 1.2   | .4    | .1    |       |       |       |       |       |       | 4.7        | 7.0          | 6.0            |
| 050-070                          | .5                                   | .2   | .1    |       |       |       |       |       |       |       |       | .8         | 5.0          | 4.0            |
| (E) 080-100                      | .5                                   | .1   | .1    |       |       |       |       |       |       |       |       | .7         | 5.2          | 3.5            |
| 110-130                          | .6                                   |      |       |       |       |       |       |       |       |       |       | .6         | 2.4          | 2.0            |
| 140-160                          | 1.0                                  | .1   |       |       |       |       |       |       |       |       |       | 1.1        | 2.9          | 3.0            |
| (S) 170-190                      | 1.6                                  | .8   |       |       |       |       |       |       |       |       |       | 2.4        | 4.5          | 4.0            |
| 200-220                          | 5.1                                  | 2.9  | .7    | .1    |       |       |       |       |       |       |       | 8.9        | 5.0          | 4.0            |
| 230-250                          | 5.0                                  | 4.7  | 3.0   | .8    | .2    |       |       |       |       |       |       | 13.8       | 7.1          | 7.0            |
| (W) 260-280                      | 5.2                                  | 3.0  | 1.6   | .4    | .5    |       |       |       |       |       |       | 10.7       | 6.4          | 5.0            |
| 290-310                          | 9.1                                  | 2.8  | 1.0   | .2    | .2    |       |       |       |       |       |       | 13.3       | 4.8          | 4.0            |
| 320-340                          | 2.7                                  | .2   |       |       |       |       |       |       |       |       |       | 2.9        | 2.8          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 34.5       | ////////     |                |
| TOTALS                           | 37.4                                 | 16.3 | 8.2   | 2.4   | 1.0   |       |       |       |       |       |       | 100.0      | 3.7          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 824 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 21-23

| DIRECTION<br>(DEGREES)           | WIND SPEED IN KNOTS                  |      |       |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND | MEDIAN<br>WIND |
|----------------------------------|--------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|----------------|
|                                  | 1-4                                  | 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   |       |       |       |       |       |       |       |       | 3.3        | 5.6          | 4.0            |
| 020-040                          | 1.1                                  | 1.1  | .7    |       | .4    |       |       |       |       |       |       | 3.3        | 8.7          | 8.0            |
| 050-070                          | 1.1                                  | .4   |       |       |       |       |       |       |       |       |       | 1.5        | 3.5          | 4.0            |
| (E) 080-100                      |                                      |      | .4    |       |       |       |       |       |       |       |       | .4         | 10.0         | 10.0           |
| 110-130                          | .4                                   |      |       |       |       |       |       |       |       |       |       | .4         | 3.0          | 3.0            |
| 140-160                          | 1.5                                  |      |       |       |       |       |       |       |       |       |       | 1.5        | 2.5          | 2.5            |
| (S) 170-190                      | 2.9                                  | 2.2  |       |       |       |       |       |       |       |       |       | 5.1        | 4.0          | 3.5            |
| 200-220                          | 7.7                                  | 3.3  | .4    | .4    |       |       |       |       |       |       |       | 11.8       | 4.6          | 4.0            |
| 230-250                          | 7.4                                  | 4.4  | 2.2   | .7    | .4    |       |       |       |       |       |       | 15.1       | 6.3          | 5.0            |
| (W) 260-280                      | 8.8                                  | 2.2  | .7    | .4    |       |       |       |       |       |       |       | 12.1       | 4.8          | 4.0            |
| 290-310                          | 9.6                                  | 1.1  | 1.1   |       |       |       |       |       |       |       |       | 11.8       | 3.6          | 2.0            |
| 320-340                          | 2.6                                  |      |       |       |       |       |       |       |       |       |       | 2.6        | 2.1          | 2.0            |
| VARIABLE                         |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |
| CALM                             | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 31.3       | ////////     |                |
| TOTALS                           | 45.3                                 | 14.7 | 6.6   | 1.5   | .8    |       |       |       |       |       |       | 100.0      | 3.4          | 4.0            |
| TOTAL NUMBER OF OBSERVATIONS 272 |                                      |      |       |       |       |       |       |       |       |       |       |            |              |                |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC 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                       | 4.2                                  | 1.2  | .5    | .3    | .2    | .1    | .0    |       |       |       |       |       | 6.6      | 5.6    | 4.0 |
| 020-040                           | 3.9                                  | 1.3  | 1.0   | .3    | .2    |       |       |       |       |       | 6.6   | 5.8   | 4.0      |        |     |
| 050-070                           | 2.0                                  | .8   | .4    | .3    | .1    |       |       |       |       |       | 3.6   | 6.1   | 4.0      |        |     |
| (E) 080-100                       | 1.2                                  | .3   | .1    |       |       |       |       |       | 1.6   | 3.7   | 3.0   |       |          |        |     |
| 110-130                           | .8                                   | .1   | .0    |       |       |       |       |       | .9    | 2.9   | 2.0   |       |          |        |     |
| 140-160                           | 1.2                                  | .2   |       |       |       |       |       | 1.4   | 2.9   | 2.0   |       |       |          |        |     |
| (S) 170-190                       | 1.7                                  | .6   | .1    |       |       |       |       |       | 2.4   | 3.6   | 3.0   |       |          |        |     |
| 200-220                           | 3.9                                  | 2.3  | 1.0   | .2    | .0    |       |       |       |       |       | 7.4   | 5.5   | 4.0      |        |     |
| 230-250                           | 3.6                                  | 3.5  | 3.5   | .9    | .2    |       |       |       |       |       | 11.8  | 8.1   | 8.0      |        |     |
| (W) 260-280                       | 3.1                                  | 1.7  | 2.1   | .9    | .3    | .0    |       |       |       |       |       | 8.1   | 8.1      | 8.0    |     |
| 290-310                           | 3.9                                  | 1.1  | 1.2   | .4    | .3    | .0    | .0    |       |       |       |       |       | 6.9      | 6.7    | 4.0 |
| 320-340                           | 1.6                                  | .2   | .0    | .0    |       |       |       |       |       | 1.9   | 3.2   | 2.0   |          |        |     |
| VARIABLE                          |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |     |
| CALM                              | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 40.8  | //////// |        |     |
| TOTALS                            | 31.1                                 | 13.3 | 9.9   | 3.3   | 1.3   | .1    |       |       |       |       |       | 100.0 | 3.7      | 4.0    |     |
| TOTAL NUMBER OF OBSERVATIONS 4665 |                                      |      |       |       |       |       |       |       |       |       |       |       |          |        |     |

TOTAL NUMBER OF OBSERVATIONS 4665

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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  <br>(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                  | 12.2 | 6.1   | 5.1   | 1.0   |       |       |       |       |       |       | 31.6  | 8.7      | 7.0    |
| 020-040                  | 2.0                  | 3.1  | 4.1   |       |       |       |       |       |       |       |       | 9.2   | 8.4      | 8.0    |
| 050-070                  | 2.0                  |      |       | 1.0   | 1.0   |       |       |       |       |       |       | 4.1   | 10.5     | 10.0   |
| (E) 080-100              |                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
| 110-130                  | 1.0                  |      |       |       |       |       |       |       |       |       |       | 1.0   | 2.0      | 2.0    |
| 140-160                  | 1.0                  |      |       |       |       |       |       |       |       |       |       | 1.0   | 2.0      | 2.0    |
| (S) 170-190              |                      | 1.0  |       |       |       |       |       |       |       |       |       | 1.0   | 6.0      | 6.0    |
| 200-220                  | 8.2                  |      |       |       |       |       |       |       |       |       |       | 8.2   | 2.4      | 2.0    |
| 230-250                  | 6.1                  | 2.0  |       |       |       |       |       |       |       |       |       | 8.2   | 3.5      | 2.0    |
| (W) 260-280              |                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
| 290-310                  | 2.0                  | 1.0  |       |       |       |       |       |       |       |       |       | 3.1   | 3.7      | 2.0    |
| 320-340                  | 5.1                  | 1.0  |       |       |       |       |       |       |       |       |       | 6.1   | 2.8      | 2.5    |
| VARIABLE                 |                      |      |       |       |       |       |       |       |       |       |       |       |          |        |
| CALM                     | //////////////////// |      |       |       |       |       |       |       |       |       |       | 26.5  | //////// |        |
| TOTALS                   | 34.5                 | 20.3 | 10.2  | 6.1   | 2.0   |       |       |       |       |       |       | 100.0 | 4.8      | 5.0    |

TOTAL NUMBER OF OBSERVATIONS 98

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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         | 2.5                                  | .7   | .1    | .1    | .0    | .0    | .0    |       |       |       |       |       | 3.4        | 4.0    | 3.0  |     |     |
| 020-040             | 3.0                                  | 1.2  | .5    | .1    | .0    | .0    |       |       |       |       |       |       |            |        | 4.8  | 4.9 | 4.0 |
| 050-070             | 2.2                                  | 1.3  | .5    | .1    | .0    | .0    |       |       |       |       |       |       |            |        | 4.2  | 5.5 | 4.0 |
| (E) 080-100         | 1.6                                  | .7   | .2    | .0    | .0    | .0    |       |       |       |       |       |       | 2.6        | 4.7    | 4.0  |     |     |
| 110-130             | 1.1                                  | .3   | .1    | .0    | .0    |       |       |       |       |       |       |       |            | 1.5    | 3.8  | 3.0 |     |
| 140-160             | 1.1                                  | .3   | .1    | .0    | .0    | .0    |       |       |       |       |       |       | 1.5        | 3.7    | 3.0  |     |     |
| (S) 170-190         | 1.9                                  | .8   | .1    | .0    | .0    | .0    |       |       |       |       |       |       | 2.9        | 4.2    | 4.0  |     |     |
| 200-220             | 4.2                                  | 4.9  | 2.7   | .8    | .2    | .0    |       |       |       |       |       |       | 12.8       | 7.3    | 6.0  |     |     |
| 30-250              | 3.8                                  | 7.1  | 10.2  | 3.9   | .7    | .0    |       |       |       |       |       |       | 25.7       | 10.1   | 10.0 |     |     |
| (W) 260-280         | 2.3                                  | 2.9  | 3.8   | 1.7   | .4    | .0    | .0    |       |       |       |       |       | 11.2       | 9.8    | 10.0 |     |     |
| 290-310             | 2.2                                  | 1.3  | 1.6   | 1.0   | .4    | .1    | .0    | .0    |       |       |       |       | 6.6        | 9.2    | 8.0  |     |     |
| 320-340             | 1.2                                  | .3   | .1    | .0    | .0    | .0    |       |       |       |       |       |       | 1.6        | 4.0    | 3.0  |     |     |
| VARIABLE            |                                      |      |       |       |       |       |       |       |       |       |       |       |            |        |      |     |     |
| CALM                | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 21.3  | ////////// |        |      |     |     |
| TOTALS              | 27.1                                 | 21.8 | 20.0  | 7.7   | 1.7   | .1    |       |       |       |       |       |       | 100.0      | 6.2    | 7.0  |     |     |

TOTAL NUMBER OF OBSERVATIONS: 57983

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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   | 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 |       |                                  |        |
| (DEGREES)   |                                      |      |       |       |       |       |       |       |       |       |       | %     | WIND                             | WIND   |
| (N) 350-010 | 6.3                                  | 7.6  | 3.8   | 2.1   | 1.3   |       |       |       |       |       |       | 21.0  | 8.1                              | 6.0    |
| 020-040     | 4.2                                  | 4.2  | 4.6   | .4    |       |       |       |       |       |       | 13.4  | 7.8   | 8.0                              |        |
| 050-070     | 1.7                                  | 1.3  | .4    | .4    | .4    |       |       |       |       |       |       | 4.2   | 7.8                              | 6.5    |
| (E) 080-100 | .4                                   |      |       |       |       |       |       |       |       |       |       | .4    | 7.0                              | 7.0    |
| 110-130     | .4                                   | 1.3  | .4    |       |       |       |       |       |       |       |       | 2.1   | 7.2                              | 9.0    |
| 140-160     | 2.1                                  | .8   |       |       |       |       |       |       |       |       |       | 2.9   | 4.3                              | 4.0    |
| (S) 170-190 | 2.5                                  | 1.3  | .4    |       |       |       |       |       |       |       | 4.2   | 5.1   | 4.0                              |        |
| 200-220     | 7.6                                  | 1.3  | .4    | .4    |       |       |       |       |       |       | 9.7   | 4.2   | 4.0                              |        |
| 230-250     | 2.5                                  | 4.2  | 2.1   | .4    |       |       |       |       |       |       | 9.2   | 7.0   | 7.0                              |        |
| (W) 260-280 | .8                                   | .8   |       |       |       |       |       |       |       |       |       | 1.7   | 3.3                              | 3.0    |
| 290-310     | 1.7                                  | .8   | .4    | .4    |       |       |       |       |       |       | 3.4   | 6.9   | 6.0                              |        |
| 320-340     | 3.4                                  | 2.1  |       |       |       |       |       |       |       |       |       | 5.5   | 4.0                              | 3.0    |
| VARIABLE    |                                      |      |       |       |       |       |       |       |       |       |       |       |                                  |        |
| CALM        | //////////////////////////////////// |      |       |       |       |       |       |       |       |       |       | 22.3  | //////////////////////////////// |        |
| TOTALS      | 33.2                                 | 26.1 | 12.1  | 4.5   | 1.7   |       |       |       |       |       |       | 100.0 | 5.1                              | 5.0    |

TOTAL NUMBER OF OBSERVATIONS: 238

|          |           |          |           |          |
|----------|-----------|----------|-----------|----------|
| PPPPPPP  | AAAAAA    | RRRRRRR  | TTTTTTTTT | DDDDDDDD |
| PPPPPPPP | AAAAAAA   | RRRRRRRR | TTTTTTTTT | DDDDDDDD |
| PP PP    | AA AA     | RR RR    | TT        | DD DD    |
| PP PP    | AA AA     | RR RR    | TT        | DD DD    |
| PPPPPPPP | AA AA     | RRRRRRR  | TT        | DD DD    |
| PPPPPPPP | AAAAAAAAA | RRRRRRR  | TT        | DD DD    |
| PP       | AAAAAAAAA | RR RR    | TT        | DD DD    |
| PP       | AA AA     | RR RR    | TT        | DD DD    |
| PP       | AA AA     | RR RR    | TT        | DDDDDDDD |
| PP       | AA AA     | RR RR    | TT        | DDDDDDDD |

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

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

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). TO 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. "PARTIALOBSCURATION" 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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.4                        | 82.4    | 84.3    | 84.3    | 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 20000              | 90.2                        | 90.2    | 92.2    | 92.2    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 18000              | 90.2                        | 90.2    | 92.2    | 92.2    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 16000              | 90.2                        | 90.2    | 92.2    | 92.2    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 14000              | 90.2                        | 90.2    | 92.2    | 92.2    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 12000              | 92.2                        | 92.2    | 94.1    | 94.1    | 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 10000              | 94.1                        | 94.1    | 96.1    | 96.1    | 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 9000               | 94.1                        | 94.1    | 96.1    | 96.1    | 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 8000               | 94.1                        | 94.1    | 96.1    | 96.1    | 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 7000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 6000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 5000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 4500               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 4000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 3500               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 3000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 2500               | 96.1                        | 96.1    | 98.0    | 98.0    | 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 2000               | 96.1                        | 96.1    | 98.0    | 98.0    | 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               | 96.1                        | 96.1    | 98.0    | 98.0    | 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               | 96.1                        | 96.1    | 98.0    | 98.0    | 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               | 96.1                        | 96.1    | 98.0    | 98.0    | 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               | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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                | 96.1                        | 96.1    | 98.0    | 98.0    | 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 51



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 76.1                        | 76.5    | 76.9    | 77.2    | 77.5    | 78.2        | 78.2    | 78.2        | 78.2        | 78.2    | 78.2      | 78.2      | 78.2      | 78.2      | 78.3      | 78.3    |
| GE 20000              | 81.9                        | 82.4    | 82.7    | 83.0    | 83.4    | 84.0        | 84.0    | 84.0        | 84.0        | 84.0    | 84.0      | 84.0      | 84.0      | 84.0      | 84.2      | 84.2    |
| GE 18000              | 82.0                        | 82.5    | 82.8    | 83.1    | 83.5    | 84.2        | 84.2    | 84.2        | 84.2        | 84.2    | 84.2      | 84.2      | 84.2      | 84.2      | 84.3      | 84.3    |
| GE 16000              | 82.1                        | 82.6    | 82.9    | 83.3    | 83.6    | 84.3        | 84.3    | 84.3        | 84.3        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3      | 84.4      | 84.4    |
| GE 14000              | 84.2                        | 84.6    | 84.9    | 85.3    | 85.6    | 86.3        | 86.3    | 86.3        | 86.3        | 86.3    | 86.3      | 86.3      | 86.3      | 86.3      | 86.4      | 86.4    |
| GE 12000              | 85.3                        | 85.7    | 86.1    | 86.4    | 86.7    | 87.4        | 87.4    | 87.4        | 87.4        | 87.4    | 87.4      | 87.4      | 87.4      | 87.4      | 87.5      | 87.5    |
| GE 10000              | 87.6                        | 88.1    | 88.4    | 88.8    | 89.1    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.9      | 89.9    |
| GE 9000               | 88.0                        | 88.4    | 88.8    | 89.1    | 89.4    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1      | 90.2      | 90.2    |
| GE 8000               | 89.6                        | 90.0    | 90.3    | 90.7    | 91.0    | 91.8        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 92.1      | 92.2    |
| GE 7000               | 90.2                        | 90.8    | 91.1    | 91.5    | 91.8    | 92.6        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7      | 92.9      | 93.0    |
| GE 6000               | 90.7                        | 91.2    | 91.9    | 92.4    | 92.7    | 93.5        | 93.6    | 93.6        | 93.6        | 93.6    | 93.6      | 93.6      | 93.6      | 93.6      | 93.8      | 93.9    |
| GE 5000               | 91.3                        | 92.0    | 92.8    | 93.3    | 93.6    | 94.4        | 94.5    | 94.6        | 94.6        | 94.6    | 94.6      | 94.6      | 94.6      | 94.6      | 94.8      | 94.9    |
| GE 4500               | 91.5                        | 92.1    | 92.9    | 93.4    | 93.7    | 94.5        | 94.6    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7      | 94.9      | 95.1    |
| GE 4000               | 93.6                        | 94.3    | 95.1    | 95.7    | 96.2    | 97.0        | 97.1    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2      | 97.4      | 97.5    |
| GE 3500               | 93.6                        | 94.3    | 95.1    | 95.7    | 96.2    | 97.0        | 97.1    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2      | 97.4      | 97.5    |
| GE 3000               | 95.4                        | 96.1    | 96.9    | 97.5    | 98.0    | 98.8        | 98.9    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.2      | 99.3    |
| GE 2500               | 95.6                        | 96.3    | 97.1    | 97.8    | 98.4    | 99.2        | 99.3    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.7      | 99.8    |
| GE 2000               | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 1800               | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 1500               | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 1200               | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 1000               | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 900                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 800                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 700                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 600                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 500                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 400                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 300                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 200                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 100                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |
| GE 000                | 95.8                        | 96.5    | 97.3    | 98.0    | 98.7    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 73.4                        | 73.5    | 73.7    | 74.0    | 74.2    | 74.5        | 74.5    | 74.5        | 74.5        | 74.5    | 74.5      | 74.5      | 74.5      | 74.5      | 74.5      | 74.5    |
| GE 20000              | 79.9                        | 80.0    | 80.7    | 80.9    | 81.1    | 81.5        | 81.5    | 81.5        | 81.5        | 81.5    | 81.5      | 81.5      | 81.5      | 81.5      | 81.5      | 81.5    |
| GE 18000              | 80.0                        | 80.1    | 80.8    | 81.0    | 81.3    | 81.6        | 81.6    | 81.6        | 81.6        | 81.6    | 81.6      | 81.6      | 81.6      | 81.6      | 81.6      | 81.6    |
| GE 16000              | 80.1                        | 80.2    | 80.9    | 81.1    | 81.4    | 81.7        | 81.7    | 81.7        | 81.7        | 81.7    | 81.7      | 81.7      | 81.7      | 81.7      | 81.7      | 81.7    |
| GE 14000              | 83.5                        | 83.8    | 84.5    | 84.7    | 85.0    | 85.3        | 85.3    | 85.3        | 85.3        | 85.3    | 85.3      | 85.3      | 85.3      | 85.3      | 85.3      | 85.3    |
| GE 12000              | 84.4                        | 84.7    | 85.4    | 85.6    | 85.9    | 86.2        | 86.2    | 86.2        | 86.2        | 86.2    | 86.2      | 86.2      | 86.2      | 86.2      | 86.2      | 86.2    |
| GE 10000              | 86.9                        | 87.2    | 87.9    | 88.1    | 88.3    | 88.7        | 88.7    | 88.7        | 88.7        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7      | 88.7      | 88.7    |
| GE 9000               | 87.4                        | 87.8    | 88.4    | 88.7    | 88.9    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2      | 89.2      | 89.2    |
| GE 8000               | 89.2                        | 89.6    | 90.2    | 90.5    | 90.8    | 91.2        | 91.4    | 91.4        | 91.4        | 91.4    | 91.4      | 91.4      | 91.4      | 91.4      | 91.4      | 91.5    |
| GE 7000               | 90.1                        | 90.5    | 91.1    | 91.4    | 91.7    | 92.1        | 92.3    | 92.3        | 92.3        | 92.3    | 92.3      | 92.3      | 92.3      | 92.3      | 92.3      | 92.4    |
| GE 6000               | 90.7                        | 91.1    | 92.0    | 92.3    | 92.6    | 93.0        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2      | 93.2      | 93.3    |
| GE 5000               | 92.3                        | 92.8    | 93.7    | 93.9    | 94.7    | 95.2        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3      | 95.3      | 95.4    |
| GE 4500               | 92.3                        | 92.8    | 93.7    | 93.9    | 94.7    | 95.2        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3      | 95.3      | 95.4    |
| GE 4000               | 94.1                        | 94.6    | 95.6    | 96.0    | 96.9    | 97.3        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.5    |
| GE 3500               | 94.5                        | 95.1    | 96.2    | 96.5    | 97.4    | 97.9        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.1    |
| GE 3000               | 95.5                        | 96.1    | 97.3    | 97.6    | 98.5    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.2    |
| GE 2500               | 95.5                        | 96.1    | 97.3    | 97.6    | 98.8    | 99.2        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.4    |
| GE 2000               | 95.6                        | 96.2    | 97.4    | 97.8    | 98.9    | 99.3        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.6    |
| GE 1800               | 95.6                        | 96.2    | 97.4    | 97.8    | 98.9    | 99.3        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.6    |
| GE 1500               | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 1200               | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 1000               | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 900                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 800                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 700                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 600                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 500                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |
| GE 400                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |
| GE 300                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |
| GE 200                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |
| GE 100                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |
| GE 000                | 95.6                        | 96.2    | 97.5    | 97.9    | 99.0    | 99.4        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF EILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 71.8                        | 71.8    | 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    |
| GE 20000              | 79.7                        | 79.7    | 79.9    | 80.2    | 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 18000              | 80.6                        | 80.6    | 80.8    | 81.1    | 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 16000              | 80.8                        | 80.8    | 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 14000              | 83.5                        | 83.6    | 83.8    | 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              | 84.9                        | 85.1    | 85.3    | 85.6    | 85.6    | 85.6        | 85.6    | 85.6        | 85.6        | 85.6    | 85.6      | 85.6      | 85.6      | 85.6      | 85.6      | 85.6    |
| GE 10000              | 89.2                        | 89.4    | 89.7    | 90.0    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0      | 90.0      | 90.0    |
| GE 9000               | 89.2                        | 89.4    | 89.7    | 90.0    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0      | 90.0      | 90.0    |
| GE 8000               | 91.1                        | 91.3    | 91.6    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 7000               | 91.9                        | 92.1    | 92.4    | 92.7    | 92.7    | 92.7        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7      | 92.7      | 92.7    |
| GE 6000               | 93.1                        | 93.4    | 93.7    | 94.0    | 94.0    | 94.0        | 94.0    | 94.0        | 94.0        | 94.0    | 94.0      | 94.0      | 94.0      | 94.0      | 94.0      | 94.0    |
| GE 5000               | 94.5                        | 94.8    | 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    |
| GE 4500               | 94.5                        | 94.8    | 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    |
| GE 4000               | 96.2                        | 96.5    | 96.9    | 97.2    | 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 3500               | 96.2                        | 96.5    | 97.0    | 97.3    | 97.3    | 97.3        | 97.3    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3      | 97.3      | 97.3    |
| GE 3000               | 97.3                        | 97.6    | 98.1    | 98.4    | 98.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 2500               | 97.3                        | 97.6    | 98.1    | 98.4    | 98.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 2000               | 97.3                        | 97.6    | 98.3    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 1800               | 97.3                        | 97.6    | 98.3    | 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               | 97.8                        | 98.1    | 98.8    | 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 1200               | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1000               | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 900                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 800                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 700                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 600                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 500                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.8                        | 98.3    | 99.0    | 99.8    | 99.8    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 69.2                        | 69.3    | 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 20000              | 78.6                        | 78.7    | 79.0    | 79.1    | 79.1    | 79.1        | 79.1    | 79.3        | 79.3        | 79.3    | 79.3      | 79.3      | 79.3      | 79.3      | 79.3      | 79.3    |
| GE 18000              | 79.5                        | 79.6    | 79.9    | 80.0    | 80.0    | 80.0        | 80.0    | 80.2        | 80.2        | 80.2    | 80.2      | 80.2      | 80.2      | 80.2      | 80.2      | 80.2    |
| GE 16000              | 79.5                        | 79.6    | 79.9    | 80.0    | 80.0    | 80.0        | 80.0    | 80.2        | 80.2        | 80.2    | 80.2      | 80.2      | 80.2      | 80.2      | 80.2      | 80.2    |
| GE 14000              | 82.4                        | 82.5    | 82.8    | 83.0    | 83.0    | 83.0        | 83.0    | 83.1        | 83.1        | 83.1    | 83.1      | 83.1      | 83.1      | 83.1      | 83.1      | 83.1    |
| GE 12000              | 84.6                        | 84.8    | 85.1    | 85.2    | 85.2    | 85.2        | 85.2    | 85.3        | 85.3        | 85.3    | 85.3      | 85.3      | 85.3      | 85.3      | 85.3      | 85.3    |
| GE 10000              | 89.1                        | 89.5    | 89.8    | 89.9    | 89.9    | 89.9        | 89.9    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0      | 90.0      | 90.0    |
| GE 9000               | 89.3                        | 89.7    | 90.0    | 90.1    | 90.1    | 90.1        | 90.1    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2      | 90.2      | 90.2    |
| GE 8000               | 90.9                        | 91.3    | 91.6    | 91.7    | 91.7    | 91.7        | 91.7    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 91.8    |
| GE 7000               | 91.1                        | 91.5    | 91.8    | 91.9    | 91.9    | 91.9        | 91.9    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 6000               | 92.0                        | 92.4    | 92.7    | 92.8    | 92.8    | 92.8        | 92.8    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 5000               | 95.0                        | 95.3    | 95.6    | 95.7    | 95.7    | 95.7        | 95.7    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 4500               | 95.0                        | 95.3    | 95.6    | 95.7    | 95.7    | 95.7        | 95.7    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 4000               | 96.9                        | 97.2    | 97.6    | 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    |
| GE 3500               | 97.0                        | 97.3    | 97.8    | 97.9    | 97.9    | 97.9        | 97.9    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.0    |
| GE 3000               | 97.9                        | 98.2    | 98.7    | 98.8    | 98.9    | 98.9        | 98.9    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2500               | 97.9                        | 98.2    | 98.7    | 98.8    | 98.9    | 98.9        | 98.9    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2000               | 98.3                        | 98.8    | 99.2    | 99.3    | 99.4    | 99.4        | 99.4    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 1800               | 98.3                        | 98.8    | 99.2    | 99.3    | 99.4    | 99.4        | 99.4    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 1500               | 98.3                        | 98.8    | 99.2    | 99.3    | 99.4    | 99.4        | 99.4    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 1200               | 98.3                        | 98.8    | 99.2    | 99.3    | 99.4    | 99.4        | 99.4    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 1000               | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.7                        | 99.1    | 99.7    | 99.8    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 75.4      | 75.4      | 75.4    |
| GE 20000              | 82.4                        | 82.4    | 82.4    | 82.4    | 82.4    | 82.7        | 82.7    | 82.7        | 82.7        | 82.7    | 82.7      | 82.7      | 82.7      | 82.7      | 82.7      | 82.7    |
| GE 18000              | 82.9                        | 82.9    | 82.9    | 82.9    | 82.9    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 83.3      | 83.3      | 83.3      | 83.3      | 83.3      | 83.3    |
| GE 16000              | 82.9                        | 82.9    | 82.9    | 82.9    | 82.9    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 83.3      | 83.3      | 83.3      | 83.3      | 83.3      | 83.3    |
| GE 14000              | 85.0                        | 85.0    | 85.0    | 85.0    | 85.0    | 85.3        | 85.3    | 85.3        | 85.3        | 85.3    | 85.3      | 85.3      | 85.3      | 85.3      | 85.3      | 85.3    |
| GE 12000              | 87.0                        | 87.0    | 87.0    | 87.0    | 87.0    | 87.3        | 87.3    | 87.3        | 87.3        | 87.3    | 87.3      | 87.3      | 87.3      | 87.3      | 87.3      | 87.3    |
| GE 10000              | 91.1                        | 91.1    | 91.1    | 91.1    | 91.1    | 91.5        | 91.5    | 91.5        | 91.5        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5      | 91.5      | 91.5    |
| GE 9000               | 91.5                        | 91.5    | 91.5    | 91.5    | 91.5    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 91.8    |
| GE 8000               | 92.5                        | 92.5    | 92.5    | 92.5    | 92.5    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 7000               | 93.2                        | 93.2    | 93.2    | 93.2    | 93.2    | 93.5        | 93.5    | 93.5        | 93.5        | 93.5    | 93.5      | 93.5      | 93.5      | 93.5      | 93.5      | 93.5    |
| GE 6000               | 94.1                        | 94.1    | 94.1    | 94.1    | 94.1    | 94.4        | 94.4    | 94.4        | 94.4        | 94.4    | 94.4      | 94.4      | 94.4      | 94.4      | 94.4      | 94.4    |
| GE 5000               | 96.6                        | 96.6    | 96.6    | 96.6    | 96.6    | 97.0        | 97.0    | 97.0        | 97.0        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0      | 97.0      | 97.0    |
| GE 4500               | 96.6                        | 96.6    | 96.6    | 96.6    | 96.6    | 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    | 98.2    | 98.2    | 98.2    | 98.5        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.5    |
| GE 3500               | 97.9                        | 97.9    | 98.2    | 98.2    | 98.2    | 98.5        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.5    |
| GE 3000               | 98.5                        | 98.5    | 98.9    | 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    |
| GE 2500               | 98.5                        | 98.5    | 98.9    | 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    |
| GE 2000               | 99.2                        | 99.2    | 99.6    | 99.6    | 99.6    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1800               | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 78.1      | 78.1    |
| GE 20000              | 84.5                        | 84.5    | 84.5    | 84.5    | 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 18000              | 85.5                        | 85.5    | 85.5    | 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    |
| GE 16000              | 85.5                        | 85.5    | 85.5    | 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    |
| GE 14000              | 87.2                        | 87.2    | 87.2    | 87.2    | 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 12000              | 89.6                        | 89.6    | 89.6    | 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 10000              | 92.3                        | 92.3    | 92.3    | 92.3    | 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 9000               | 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 8000               | 93.6                        | 93.6    | 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 7000               | 94.3                        | 94.3    | 94.3    | 94.3    | 94.6    | 94.6        | 94.6    | 94.6        | 94.6        | 94.6    | 94.6      | 94.6      | 94.6      | 94.6      | 94.6      | 94.6    |
| GE 6000               | 94.9                        | 94.9    | 94.9    | 94.9    | 95.3    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3      | 95.3      | 95.3    |
| GE 5000               | 97.0                        | 97.0    | 97.0    | 97.0    | 97.3    | 97.3        | 97.3    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3      | 97.3      | 97.3    |
| GE 4500               | 97.0                        | 97.0    | 97.0    | 97.0    | 97.3    | 97.3        | 97.3    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3      | 97.3      | 97.3    |
| GE 4000               | 97.6                        | 97.6    | 98.0    | 98.0    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 3500               | 97.6                        | 97.6    | 98.0    | 98.0    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 3000               | 98.7                        | 98.7    | 99.0    | 99.0    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 2500               | 98.7                        | 98.7    | 99.0    | 99.0    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 2000               | 99.0                        | 99.0    | 99.3    | 99.3    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1800               | 99.0                        | 99.0    | 99.3    | 99.3    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1500               | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.3                        | 99.3    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 297

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 73.6                        | 73.7    | 73.9    | 74.1    | 74.2    | 74.4        | 74.4    | 74.4        | 74.4        | 74.4    | 74.4      | 74.4      | 74.4      | 74.4      | 74.4      | 74.4    |
| GE 20000              | 80.8                        | 81.0    | 81.3    | 81.5    | 81.6    | 81.9        | 81.9    | 81.9        | 81.9        | 81.9    | 81.9      | 81.9      | 81.9      | 81.9      | 81.9      | 81.9    |
| GE 18000              | 81.4                        | 81.5    | 81.8    | 82.0    | 82.2    | 82.4        | 82.4    | 82.4        | 82.4        | 82.4    | 82.4      | 82.4      | 82.4      | 82.4      | 82.4      | 82.4    |
| GE 16000              | 81.5                        | 81.6    | 81.9    | 82.1    | 82.2    | 82.5        | 82.5    | 82.5        | 82.5        | 82.5    | 82.5      | 82.5      | 82.5      | 82.5      | 82.5      | 82.5    |
| GE 14000              | 84.0                        | 84.2    | 84.5    | 84.7    | 84.8    | 85.1        | 85.1    | 85.1        | 85.1        | 85.1    | 85.1      | 85.1      | 85.1      | 85.1      | 85.1      | 85.1    |
| GE 12000              | 85.6                        | 85.8    | 86.1    | 86.3    | 86.4    | 86.7        | 86.7    | 86.7        | 86.7        | 86.7    | 86.7      | 86.7      | 86.7      | 86.7      | 86.7      | 86.7    |
| GE 10000              | 89.1                        | 89.3    | 89.6    | 89.8    | 90.0    | 90.2        | 90.2    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2      | 90.3      | 90.3    |
| GE 9000               | 89.4                        | 89.6    | 89.9    | 90.1    | 90.3    | 90.5        | 90.5    | 90.5        | 90.5        | 90.5    | 90.5      | 90.5      | 90.5      | 90.5      | 90.5      | 90.5    |
| GE 8000               | 90.9                        | 91.1    | 91.4    | 91.6    | 91.8    | 92.1        | 92.1    | 92.1        | 92.1        | 92.1    | 92.1      | 92.1      | 92.1      | 92.1      | 92.2      | 92.2    |
| GE 7000               | 91.5                        | 91.8    | 92.1    | 92.3    | 92.5    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.9      | 92.9    |
| GE 6000               | 92.3                        | 92.6    | 93.1    | 93.3    | 93.4    | 93.7        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8      | 93.8      | 93.9    |
| GE 5000               | 94.1                        | 94.5    | 95.0    | 95.2    | 95.4    | 95.7        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.9    |
| GE 4500               | 94.2                        | 94.5    | 95.0    | 95.2    | 95.4    | 95.7        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.9      | 95.9    |
| GE 4000               | 95.8                        | 96.2    | 96.8    | 97.0    | 97.3    | 97.6        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.8      | 97.8    |
| GE 3500               | 95.9                        | 96.3    | 96.9    | 97.2    | 97.5    | 97.8        | 97.8    | 97.9        | 97.9        | 97.9    | 97.9      | 97.9      | 97.9      | 97.9      | 97.9      | 97.9    |
| GE 3000               | 97.0                        | 97.4    | 98.0    | 98.3    | 98.6    | 98.9        | 98.9    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.1    |
| GE 2500               | 97.1                        | 97.4    | 98.1    | 98.3    | 98.7    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.2    |
| GE 2000               | 97.4                        | 97.7    | 98.4    | 98.7    | 99.1    | 99.4        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.6    |
| GE 1800               | 97.4                        | 97.8    | 98.4    | 98.8    | 99.2    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.6      | 99.6    |
| GE 1500               | 97.5                        | 97.9    | 98.6    | 98.9    | 99.3    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.8      | 99.8    |
| GE 1200               | 97.5                        | 97.9    | 98.6    | 99.0    | 99.4    | 99.6        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.9    |
| GE 1000               | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 900                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 800                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 700                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 600                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 500                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 400                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 300                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 200                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 100                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 000                | 97.5                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4802

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 85.7                        | 85.7    | 85.7    | 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 20000              | 92.9                        | 92.9    | 92.9    | 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 18000              | 92.9                        | 92.9    | 92.9    | 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 16000              | 92.9                        | 92.9    | 92.9    | 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 14000              | 92.9                        | 92.9    | 92.9    | 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 12000              | 92.9                        | 92.9    | 92.9    | 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 10000              | 95.2                        | 95.2    | 95.2    | 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 9000               | 95.2                        | 95.2    | 95.2    | 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 8000               | 95.2                        | 95.2    | 95.2    | 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 7000               | 95.2                        | 95.2    | 95.2    | 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 6000               | 95.2                        | 95.2    | 95.2    | 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 5000               | 95.2                        | 95.2    | 95.2    | 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 4500               | 95.2                        | 95.2    | 95.2    | 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 4000               | 95.2                        | 95.2    | 95.2    | 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 3500               | 95.2                        | 95.2    | 95.2    | 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 3000               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 95.2                        | 95.2    | 95.2    | 97.6    | 97.6    | 97.6        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 42



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 72.3                        | 72.7    | 73.2    | 74.3    | 74.6    | 74.9        | 75.0    | 75.0        | 75.0        | 75.0    | 75.1      | 75.1      | 75.1      | 75.2      | 75.2      | 75.9    |
| GE 20000              | 79.1                        | 79.6    | 80.2    | 81.2    | 81.7    | 82.1        | 82.2    | 82.2        | 82.2        | 82.2    | 82.3      | 82.3      | 82.3      | 82.4      | 82.4      | 83.1    |
| GE 18000              | 79.8                        | 80.3    | 80.9    | 81.9    | 82.4    | 82.8        | 82.9    | 82.9        | 82.9        | 82.9    | 83.0      | 83.0      | 83.0      | 83.1      | 83.1      | 83.8    |
| GE 16000              | 80.0                        | 80.5    | 81.1    | 82.2    | 82.6    | 83.0        | 83.1    | 83.1        | 83.2        | 83.2    | 83.4      | 83.4      | 83.4      | 83.5      | 83.5      | 84.3    |
| GE 14000              | 82.8                        | 83.2    | 84.1    | 85.1    | 85.6    | 86.0        | 86.1    | 86.1        | 86.2        | 86.2    | 86.3      | 86.3      | 86.3      | 86.4      | 86.4      | 87.2    |
| GE 12000              | 84.2                        | 84.7    | 85.5    | 86.7    | 87.1    | 87.5        | 87.6    | 87.6        | 87.7        | 87.7    | 87.8      | 87.8      | 87.8      | 88.0      | 88.0      | 88.8    |
| GE 10000              | 86.9                        | 87.4    | 88.2    | 89.4    | 89.8    | 90.2        | 90.3    | 90.3        | 90.4        | 90.6    | 90.7      | 90.7      | 90.7      | 90.8      | 90.8      | 91.6    |
| GE 9000               | 87.0                        | 87.5    | 88.3    | 89.5    | 90.0    | 90.3        | 90.4    | 90.4        | 90.6        | 90.7    | 90.8      | 90.8      | 90.8      | 90.9      | 90.9      | 91.7    |
| GE 8000               | 87.7                        | 88.2    | 89.1    | 90.3    | 90.8    | 91.1        | 91.3    | 91.3        | 91.4        | 91.5    | 91.6      | 91.6      | 91.6      | 91.7      | 91.7      | 92.6    |
| GE 7000               | 88.1                        | 88.5    | 89.6    | 90.8    | 91.3    | 91.6        | 91.7    | 91.7        | 91.9        | 92.0    | 92.1      | 92.1      | 92.1      | 92.2      | 92.2      | 93.0    |
| GE 6000               | 88.8                        | 89.3    | 90.3    | 91.5    | 92.0    | 92.3        | 92.4    | 92.4        | 92.6        | 92.7    | 92.8      | 92.8      | 92.8      | 92.9      | 92.9      | 93.7    |
| GE 5000               | 89.7                        | 90.2    | 91.3    | 92.4    | 92.9    | 93.3        | 93.4    | 93.4        | 93.5        | 93.6    | 93.7      | 93.7      | 93.7      | 93.9      | 93.9      | 94.7    |
| GE 4500               | 89.8                        | 90.3    | 91.4    | 92.6    | 93.0    | 93.4        | 93.5    | 93.5        | 93.6        | 93.7    | 93.9      | 93.9      | 93.9      | 94.0      | 94.0      | 94.8    |
| GE 4000               | 90.7                        | 91.1    | 92.3    | 93.5    | 94.0    | 94.3        | 94.6    | 94.6        | 94.7        | 94.8    | 94.9      | 94.9      | 94.9      | 95.0      | 95.0      | 95.9    |
| GE 3500               | 90.9                        | 91.4    | 92.6    | 93.9    | 94.3    | 94.7        | 94.9    | 94.9        | 95.0        | 95.2    | 95.3      | 95.3      | 95.3      | 95.4      | 95.4      | 96.2    |
| GE 3000               | 91.4                        | 91.9    | 93.4    | 94.7    | 95.2    | 95.5        | 95.7    | 96.0        | 96.1        | 96.2    | 96.3      | 96.3      | 96.3      | 96.5      | 96.5      | 97.3    |
| GE 2500               | 91.5                        | 92.0    | 93.5    | 94.8    | 95.3    | 95.6        | 95.9    | 96.1        | 96.2        | 96.3    | 96.5      | 96.5      | 96.5      | 96.6      | 96.6      | 97.4    |
| GE 2000               | 91.6                        | 92.1    | 93.6    | 94.9    | 95.4    | 95.7        | 96.0    | 96.2        | 96.3        | 96.5    | 96.6      | 96.6      | 96.6      | 96.7      | 96.7      | 97.5    |
| GE 1800               | 91.6                        | 92.1    | 93.6    | 94.9    | 95.4    | 95.7        | 96.0    | 96.2        | 96.3        | 96.5    | 96.6      | 96.6      | 96.6      | 96.7      | 96.7      | 97.5    |
| GE 1500               | 92.0                        | 92.6    | 94.1    | 95.4    | 96.0    | 96.3        | 96.6    | 96.8        | 96.9        | 97.0    | 97.2      | 97.2      | 97.2      | 97.3      | 97.3      | 98.1    |
| GE 1200               | 92.1                        | 92.7    | 94.3    | 95.6    | 96.2    | 96.6        | 96.8    | 97.0        | 97.2        | 97.3    | 97.4      | 97.4      | 97.4      | 97.5      | 97.5      | 98.3    |
| GE 1000               | 92.2                        | 92.8    | 94.5    | 95.7    | 96.3    | 96.7        | 96.9    | 97.3        | 97.4        | 97.5    | 97.6      | 97.6      | 97.6      | 97.8      | 97.8      | 98.6    |
| GE 900                | 92.2                        | 92.9    | 94.6    | 95.9    | 96.5    | 96.8        | 97.0    | 97.4        | 97.5        | 97.6    | 97.8      | 97.8      | 97.8      | 97.9      | 97.9      | 98.7    |
| GE 800                | 92.2                        | 92.9    | 94.6    | 95.9    | 96.5    | 96.8        | 97.0    | 97.5        | 97.6        | 97.8    | 97.9      | 97.9      | 97.9      | 98.0      | 98.0      | 98.8    |
| GE 700                | 92.2                        | 92.9    | 94.6    | 95.9    | 96.5    | 96.8        | 97.0    | 97.5        | 97.6        | 97.8    | 97.9      | 97.9      | 97.9      | 98.0      | 98.0      | 98.8    |
| GE 600                | 92.2                        | 92.9    | 94.6    | 95.9    | 96.5    | 96.8        | 97.0    | 97.5        | 97.6        | 97.8    | 97.9      | 97.9      | 97.9      | 98.0      | 98.0      | 98.8    |
| GE 500                | 92.2                        | 92.9    | 94.6    | 95.9    | 96.6    | 96.9        | 97.3    | 98.0        | 98.1        | 98.2    | 98.5      | 98.5      | 98.5      | 98.6      | 98.6      | 99.4    |
| GE 400                | 92.2                        | 93.0    | 94.7    | 96.0    | 96.7    | 97.0        | 97.4    | 98.1        | 98.2        | 98.3    | 98.6      | 98.6      | 98.6      | 98.7      | 98.7      | 99.5    |
| GE 300                | 92.2                        | 93.2    | 94.8    | 96.1    | 96.8    | 97.2        | 97.5    | 98.2        | 98.3        | 98.5    | 98.7      | 98.7      | 98.7      | 98.8      | 98.8      | 99.6    |
| GE 200                | 92.2                        | 93.2    | 94.8    | 96.1    | 96.8    | 97.2        | 97.5    | 98.2        | 98.3        | 98.5    | 98.7      | 98.7      | 98.7      | 98.8      | 98.9      | 99.9    |
| GE 100                | 92.2                        | 93.2    | 94.8    | 96.1    | 96.8    | 97.2        | 97.5    | 98.2        | 98.3        | 98.5    | 98.7      | 98.7      | 98.7      | 98.8      | 98.9      | 100.0   |
| GE 000                | 92.2                        | 93.2    | 94.8    | 96.1    | 96.8    | 97.2        | 97.5    | 98.2        | 98.3        | 98.5    | 98.7      | 98.7      | 98.7      | 98.8      | 98.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 67.7                        | 68.2    | 68.8    | 69.0    | 69.0    | 69.0        | 69.0    | 69.0        | 69.0        | 69.1    | 69.1      | 69.1      | 69.1      | 69.1      | 69.1      | 69.4    |
| GE 20000              | 76.7                        | 77.1    | 77.7    | 78.1    | 78.1    | 78.1        | 78.1    | 78.1        | 78.1        | 78.2    | 78.2      | 78.2      | 78.2      | 78.2      | 78.2      | 78.4    |
| GE 18000              | 78.1                        | 78.6    | 79.2    | 79.5    | 79.5    | 79.5        | 79.5    | 79.5        | 79.5        | 79.6    | 79.6      | 79.6      | 79.6      | 79.6      | 79.6      | 79.9    |
| GE 16000              | 78.4                        | 78.9    | 79.6    | 80.0    | 80.0    | 80.0        | 80.0    | 80.0        | 80.0        | 80.1    | 80.1      | 80.1      | 80.1      | 80.1      | 80.1      | 80.3    |
| GE 14000              | 81.6                        | 82.1    | 82.9    | 83.3    | 83.4    | 83.4        | 83.4    | 83.4        | 83.4        | 83.5    | 83.5      | 83.5      | 83.5      | 83.5      | 83.5      | 83.7    |
| GE 12000              | 82.7                        | 83.2    | 84.0    | 84.3    | 84.5    | 84.5        | 84.5    | 84.5        | 84.5        | 84.6    | 84.6      | 84.6      | 84.6      | 84.6      | 84.6      | 84.8    |
| GE 10000              | 86.2                        | 86.9    | 88.0    | 88.3    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7      | 88.7      | 88.9    |
| GE 9000               | 86.2                        | 86.9    | 88.0    | 88.3    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7      | 88.7      | 88.9    |
| GE 8000               | 87.3                        | 88.0    | 89.0    | 89.4    | 89.6    | 89.6        | 89.6    | 89.6        | 89.6        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.8      | 90.0    |
| GE 7000               | 88.5                        | 89.2    | 90.2    | 90.6    | 90.8    | 90.8        | 90.8    | 90.8        | 90.8        | 90.9    | 90.9      | 90.9      | 90.9      | 90.9      | 90.9      | 91.2    |
| GE 6000               | 89.3                        | 90.0    | 91.0    | 91.4    | 91.6    | 91.6        | 91.6    | 91.6        | 91.6        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 92.0    |
| GE 5000               | 90.7                        | 91.4    | 92.5    | 92.9    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.3    | 93.3      | 93.3      | 93.3      | 93.3      | 93.3      | 93.5    |
| GE 4500               | 90.9                        | 91.6    | 92.7    | 93.2    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.5    | 93.5      | 93.5      | 93.5      | 93.5      | 93.5      | 93.8    |
| GE 4000               | 92.2                        | 92.9    | 94.0    | 94.5    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9      | 94.9      | 95.2    |
| GE 3500               | 92.5                        | 93.2    | 94.2    | 94.7    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2      | 95.2      | 95.4    |
| GE 3000               | 92.8                        | 93.5    | 94.7    | 95.2    | 95.6    | 95.6        | 95.9    | 96.0        | 96.0        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.3    |
| GE 2500               | 92.8                        | 93.5    | 94.7    | 95.2    | 95.6    | 95.6        | 95.9    | 96.0        | 96.0        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.3    |
| GE 2000               | 93.1                        | 93.8    | 94.9    | 95.4    | 95.9    | 95.9        | 96.3    | 96.5        | 96.5        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6      | 96.6      | 96.8    |
| GE 1800               | 93.2                        | 93.9    | 95.1    | 95.5    | 96.0    | 96.0        | 96.5    | 96.6        | 96.6        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.9    |
| GE 1500               | 94.0                        | 95.1    | 96.2    | 96.7    | 97.2    | 97.2        | 97.6    | 97.8        | 97.8        | 97.9    | 97.9      | 97.9      | 97.9      | 97.9      | 97.9      | 98.1    |
| GE 1200               | 94.0                        | 95.1    | 96.2    | 96.7    | 97.2    | 97.2        | 97.6    | 97.8        | 97.8        | 97.9    | 97.9      | 97.9      | 97.9      | 97.9      | 97.9      | 98.1    |
| GE 1000               | 94.3                        | 95.4    | 96.6    | 97.1    | 97.5    | 97.6        | 98.1    | 98.2        | 98.2        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.6    |
| GE 900                | 94.5                        | 95.5    | 96.7    | 97.2    | 97.6    | 97.8        | 98.2    | 98.4        | 98.4        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.7    |
| GE 800                | 94.5                        | 95.5    | 96.8    | 97.3    | 97.8    | 97.9        | 98.4    | 98.5        | 98.5        | 98.6    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.9    |
| GE 700                | 94.6                        | 95.6    | 96.9    | 97.4    | 97.9    | 98.0        | 98.5    | 98.6        | 98.6        | 98.7    | 98.8      | 98.8      | 98.8      | 98.8      | 98.8      | 99.1    |
| GE 600                | 94.7                        | 95.8    | 97.1    | 97.5    | 98.0    | 98.1        | 98.6    | 98.7        | 98.7        | 98.8    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 99.2    |
| GE 500                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.8    |
| GE 400                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.8    |
| GE 300                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.8    |
| GE 200                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.6      | 99.6      | 99.6      | 99.9    |
| GE 100                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.6      | 99.6      | 99.6      | 100.0   |
| GE 000                | 94.7                        | 95.8    | 97.1    | 97.6    | 98.1    | 98.4        | 98.8    | 98.9        | 98.9        | 99.2    | 99.5      | 99.5      | 99.6      | 99.6      | 99.6      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 67.5                        | 67.5    | 67.7    | 67.7    | 67.8    | 67.8        | 67.8    | 68.0        | 68.0        | 68.0    | 68.0      | 68.0      | 68.0      | 68.0      | 68.0      | 68.0    |
| GE 20000              | 78.8                        | 78.8    | 79.2    | 79.2    | 79.3    | 79.3        | 79.3    | 79.4        | 79.4        | 79.4    | 79.4      | 79.4      | 79.4      | 79.4      | 79.4      | 79.4    |
| GE 18000              | 79.9                        | 79.9    | 80.2    | 80.2    | 80.3    | 80.3        | 80.3    | 80.4        | 80.4        | 80.4    | 80.4      | 80.4      | 80.4      | 80.4      | 80.4      | 80.4    |
| GE 16000              | 80.4                        | 80.4    | 80.8    | 80.8    | 80.9    | 80.9        | 80.9    | 81.0        | 81.0        | 81.0    | 81.0      | 81.0      | 81.0      | 81.0      | 81.0      | 81.0    |
| GE 14000              | 83.2                        | 83.2    | 83.5    | 83.5    | 83.6    | 83.6        | 83.6    | 83.7        | 83.7        | 83.7    | 83.7      | 83.7      | 83.7      | 83.7      | 83.7      | 3.7     |
| GE 12000              | 84.7                        | 84.7    | 85.0    | 85.0    | 85.2    | 85.2        | 85.2    | 85.3        | 85.3        | 85.3    | 85.3      | 85.3      | 85.3      | 85.3      | 85.3      | 85.3    |
| GE 10000              | 88.0                        | 88.1    | 88.5    | 88.5    | 88.6    | 88.6        | 88.6    | 88.7        | 88.7        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7      | 88.7      | 88.7    |
| GE 9000               | 88.1                        | 88.2    | 88.6    | 88.6    | 88.7    | 88.7        | 88.7    | 88.8        | 88.8        | 88.8    | 88.8      | 88.8      | 88.8      | 88.8      | 88.8      | 88.8    |
| GE 8000               | 89.3                        | 89.4    | 89.8    | 89.8    | 89.9    | 89.9        | 89.9    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0      | 90.0      | 90.0    |
| GE 7000               | 89.6                        | 89.8    | 90.1    | 90.1    | 90.2    | 90.2        | 90.2    | 90.3        | 90.3        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3      | 90.3      | 90.3    |
| GE 6000               | 90.1                        | 90.2    | 90.6    | 90.6    | 90.7    | 90.7        | 90.7    | 90.8        | 90.8        | 90.8    | 90.8      | 90.8      | 90.8      | 90.8      | 90.8      | 90.8    |
| GE 5000               | 90.5                        | 90.9    | 91.3    | 91.3    | 91.4    | 91.4        | 91.4    | 91.5        | 91.5        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5      | 91.5      | 91.5    |
| GE 4500               | 90.6                        | 91.0    | 91.4    | 91.4    | 91.5    | 91.5        | 91.5    | 91.6        | 91.6        | 91.6    | 91.6      | 91.6      | 91.6      | 91.6      | 91.6      | 91.6    |
| GE 4000               | 93.1                        | 93.5    | 93.9    | 94.2    | 94.3    | 94.3        | 94.3    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5      | 94.5      | 94.5    |
| GE 3500               | 93.3                        | 93.8    | 94.1    | 94.5    | 94.6    | 94.6        | 94.6    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7      | 94.7      | 94.7    |
| GE 3000               | 95.4                        | 95.9    | 96.2    | 96.8    | 96.9    | 97.1        | 97.1    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2      | 97.2      | 97.2    |
| GE 2500               | 95.5                        | 96.0    | 96.7    | 97.3    | 97.4    | 97.5        | 97.5    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 2000               | 95.9                        | 96.3    | 97.2    | 98.0    | 98.1    | 98.2        | 98.2    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 1800               | 95.9                        | 96.3    | 97.2    | 98.0    | 98.1    | 98.2        | 98.2    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 1500               | 96.6                        | 97.1    | 97.9    | 98.7    | 98.8    | 98.9        | 98.9    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1200               | 96.6                        | 97.1    | 97.9    | 98.7    | 98.8    | 98.9        | 98.9    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1000               | 96.9                        | 97.4    | 98.2    | 99.1    | 99.2    | 99.3        | 99.3    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 900                | 96.9                        | 97.4    | 98.2    | 99.1    | 99.2    | 99.3        | 99.3    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 800                | 96.9                        | 97.5    | 98.4    | 99.2    | 99.3    | 99.4        | 99.4    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 700                | 96.9                        | 97.5    | 98.4    | 99.2    | 99.3    | 99.4        | 99.4    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 600                | 96.9                        | 97.5    | 98.4    | 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    |
| GE 500                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.1                        | 97.6    | 98.5    | 99.3    | 99.5    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 65.8                        | 65.8    | 66.1    | 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 20000              | 77.4                        | 77.6    | 78.0    | 78.2    | 78.3    | 78.3        | 78.3    | 78.3        | 78.3        | 78.3    | 78.3      | 78.3      | 78.3      | 78.3      | 78.3      | 78.3    |
| GE 18000              | 78.5                        | 78.6    | 79.1    | 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    |
| GE 16000              | 79.1                        | 79.2    | 79.7    | 79.8    | 79.9    | 79.9        | 79.9    | 79.9        | 79.9        | 79.9    | 79.9      | 79.9      | 79.9      | 79.9      | 79.9      | 79.9    |
| GE 14000              | 82.8                        | 82.9    | 83.4    | 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 12000              | 84.4                        | 84.5    | 85.0    | 85.1    | 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 10000              | 88.1                        | 88.2    | 88.7    | 88.8    | 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 9000               | 88.3                        | 88.4    | 88.9    | 89.0    | 89.1    | 89.1        | 89.1    | 89.1        | 89.1        | 89.1    | 89.1      | 89.1      | 89.1      | 89.1      | 89.1      | 89.1    |
| GE 8000               | 89.8                        | 90.0    | 90.4    | 90.6    | 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 7000               | 90.1                        | 90.2    | 90.7    | 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 6000               | 91.1                        | 91.3    | 91.7    | 91.9    | 92.0    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 5000               | 91.6                        | 92.1    | 92.6    | 92.7    | 92.8    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 4500               | 91.7                        | 92.2    | 92.7    | 92.8    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 4000               | 94.3                        | 94.9    | 95.4    | 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    |
| GE 3500               | 95.0                        | 95.6    | 96.1    | 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 3000               | 96.5                        | 97.0    | 97.6    | 97.9    | 98.0    | 98.0        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.0    |
| GE 2500               | 96.7                        | 97.3    | 98.1    | 98.3    | 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               | 96.7                        | 97.3    | 98.2    | 98.6    | 98.7    | 98.9        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1800               | 96.7                        | 97.3    | 98.2    | 98.6    | 98.7    | 98.9        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1500               | 96.7                        | 97.3    | 98.2    | 98.6    | 98.7    | 98.9        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1200               | 96.8                        | 97.4    | 98.3    | 98.7    | 98.8    | 99.1        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 1000               | 97.2                        | 97.8    | 98.7    | 99.1    | 99.2    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 900                | 97.2                        | 97.8    | 98.7    | 99.1    | 99.2    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 800                | 97.2                        | 97.8    | 98.7    | 99.1    | 99.2    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 700                | 97.2                        | 97.8    | 98.7    | 99.1    | 99.2    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.8      | 99.8      | 99.8    |
| GE 600                | 97.2                        | 97.8    | 98.7    | 99.1    | 99.2    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.8      | 99.8      | 99.8    |
| GE 500                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.3                        | 97.9    | 98.8    | 99.2    | 99.3    | 99.5        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 71.5      | 71.5    |
| GE 20000              | 79.5                        | 79.5    | 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              | 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      | 81.7      | 81.7    |
| GE 16000              | 81.7                        | 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 14000              | 83.9                        | 83.9    | 84.0    | 84.0    | 84.0    | 84.0        | 84.0    | 84.0        | 84.0        | 84.0    | 84.0      | 84.0      | 84.0      | 84.0      | 84.0      | 84.0    |
| GE 12000              | 86.2                        | 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      | 86.4      | 86.4    |
| GE 10000              | 90.2                        | 90.2    | 90.3    | 90.3    | 90.3    | 90.3        | 90.3    | 90.3        | 90.3        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3      | 90.3      | 90.3    |
| GE 9000               | 90.2                        | 90.2    | 90.3    | 90.3    | 90.3    | 90.3        | 90.3    | 90.3        | 90.3        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3      | 90.3      | 90.3    |
| GE 8000               | 91.2                        | 91.2    | 91.3    | 91.3    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 7000               | 91.2                        | 91.2    | 91.3    | 91.3    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 6000               | 91.9                        | 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    |
| GE 5000               | 93.5                        | 93.7    | 93.8    | 93.8    | 93.8    | 93.8        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8      | 93.8      | 93.8    |
| GE 4500               | 93.5                        | 93.7    | 93.8    | 93.8    | 93.8    | 93.8        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8      | 93.8      | 93.8    |
| GE 4000               | 96.8                        | 97.0    | 97.2    | 97.2    | 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 3500               | 97.2                        | 97.4    | 97.5    | 97.5    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 3000               | 98.0                        | 98.2    | 98.3    | 98.3    | 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 2500               | 98.1                        | 98.3    | 98.5    | 98.5    | 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 2000               | 98.5                        | 98.7    | 98.8    | 98.8    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 1800               | 98.5                        | 98.7    | 98.8    | 98.8    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 1500               | 98.5                        | 98.7    | 98.8    | 98.8    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 1200               | 98.5                        | 98.7    | 98.8    | 98.8    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 1000               | 98.5                        | 98.7    | 98.8    | 98.8    | 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                | 98.5                        | 98.7    | 98.8    | 98.8    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 800                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 700                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 600                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 99.9      | 99.9      | 99.9    |
| GE 500                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.5                        | 98.7    | 98.8    | 98.9    | 99.4    | 99.5        | 99.5    | 99.6        | 99.6        | 99.8    | 99.8      | 99.8      | 99.8      | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: 21-23

| 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  | 74.4                        | 74.4 | 74.4 | 74.4 | 74.4 | 74.4     | 74.4 | 74.4     | 74.4     | 74.4 | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.4 |
| GE 20000 | 80.4                        | 80.4 | 80.4 | 80.4 | 80.4 | 80.4     | 80.4 | 80.4     | 80.4     | 80.4 | 80.4   | 80.4   | 80.4   | 80.4   | 80.4   | 80.4 |
| GE 18000 | 81.9                        | 81.9 | 81.9 | 81.9 | 81.9 | 81.9     | 81.9 | 81.9     | 81.9     | 81.9 | 81.9   | 81.9   | 81.9   | 81.9   | 81.9   | 81.9 |
| GE 16000 | 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 14000 | 83.3                        | 83.3 | 83.3 | 83.3 | 83.3 | 83.3     | 83.3 | 83.3     | 83.3     | 83.3 | 83.3   | 83.3   | 83.3   | 83.3   | 83.3   | 83.3 |
| GE 12000 | 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   | 86.1   | 86.1   | 86.1 |
| GE 10000 | 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 9000  | 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 8000  | 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 7000  | 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 6000  | 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 5000  | 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   | 94.0   | 94.0 |
| GE 4000  | 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 3000  | 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   | 97.5   | 97.5 |
| GE 2500  | 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   | 97.5   | 97.5 |
| GE 2000  | 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   | 97.5   | 97.5 |
| GE 1800  | 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   | 97.9   | 97.9 |
| GE 1600  | 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   | 97.9   | 97.9 |
| GE 1400  | 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   | 98.2   | 98.2 |
| GE 1200  | 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   | 98.2   | 98.2 |
| GE 1000  | 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   | 98.2   | 98.2 |
| GE 900   | 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   | 98.2   | 98.2 |
| GE 800   | 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   | 98.2   | 98.2 |
| GE 700   | 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   | 98.2   | 98.2 |
| GE 600   | 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   | 98.2   | 98.2 |
| GE 500   | 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   | 98.2   | 98.2 |
| GE 400   | 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   | 98.2   | 98.2 |
| GE 300   | 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   | 98.2   | 98.2 |
| GE 200   | 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   | 98.2   | 98.2 |
| GE 100   | 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   | 98.2   | 98.2 |
| GE 000   | 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   | 98.2   | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 281

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: FEB HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 69.4                        | 69.6    | 69.9    | 70.2    | 70.3    | 70.3        | 70.4    | 70.4        | 70.4        | 70.4    | 70.4      | 70.4      | 70.4      | 70.4      | 70.4      | 70.6    |
| GE 20000              | 78.6                        | 78.8    | 79.2    | 79.5    | 79.6    | 79.7        | 79.7    | 79.7        | 79.7        | 79.7    | 79.7      | 79.7      | 79.7      | 79.8      | 79.8      | 79.9    |
| GE 18000              | 79.8                        | 80.0    | 80.4    | 80.7    | 80.9    | 80.9        | 81.0    | 81.0        | 81.0        | 81.0    | 81.0      | 81.0      | 81.0      | 81.0      | 81.0      | 81.2    |
| GE 16000              | 80.2                        | 80.4    | 80.8    | 81.1    | 81.3    | 81.3        | 81.4    | 81.4        | 81.4        | 81.4    | 81.4      | 81.4      | 81.4      | 81.5      | 81.5      | 81.7    |
| GE 14000              | 83.0                        | 83.2    | 83.6    | 83.9    | 84.1    | 84.2        | 84.2    | 84.2        | 84.2        | 84.2    | 84.3      | 84.3      | 84.3      | 84.3      | 84.3      | 84.5    |
| GE 12000              | 84.6                        | 84.8    | 85.3    | 85.6    | 85.8    | 85.8        | 85.9    | 85.9        | 85.9        | 85.9    | 86.0      | 86.0      | 86.0      | 86.0      | 86.0      | 86.2    |
| GE 10000              | 88.1                        | 88.4    | 88.9    | 89.2    | 89.4    | 89.4        | 89.5    | 89.5        | 89.5        | 89.6    | 89.6      | 89.6      | 89.6      | 89.6      | 89.6      | 89.8    |
| GE 9000               | 88.2                        | 88.4    | 89.0    | 89.3    | 89.5    | 89.5        | 89.6    | 89.6        | 89.6        | 89.6    | 89.7      | 89.7      | 89.7      | 89.7      | 89.7      | 89.9    |
| GE 8000               | 89.3                        | 89.5    | 90.1    | 90.4    | 90.6    | 90.7        | 90.7    | 90.7        | 90.7        | 90.8    | 90.8      | 90.8      | 90.8      | 90.8      | 90.8      | 91.0    |
| GE 7000               | 89.7                        | 89.9    | 90.5    | 90.9    | 91.0    | 91.1        | 91.1    | 91.1        | 91.2        | 91.2    | 91.2      | 91.2      | 91.2      | 91.2      | 91.2      | 91.4    |
| GE 6000               | 90.4                        | 90.7    | 91.2    | 91.6    | 91.8    | 91.8        | 91.9    | 91.9        | 91.9        | 91.9    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.2    |
| GE 5000               | 91.4                        | 91.8    | 92.4    | 92.6    | 92.9    | 93.0        | 93.0    | 93.0        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.2      | 93.2      | 93.4    |
| GE 4500               | 91.5                        | 91.9    | 92.5    | 92.9    | 93.1    | 93.1        | 93.2    | 93.2        | 93.2        | 93.3    | 93.3      | 93.3      | 93.3      | 93.3      | 93.3      | 93.5    |
| GE 4000               | 93.6                        | 94.1    | 94.7    | 95.2    | 95.4    | 95.5        | 95.5    | 95.5        | 95.5        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.8    |
| GE 3500               | 94.0                        | 94.4    | 95.0    | 95.5    | 95.8    | 95.8        | 95.9    | 95.9        | 95.9        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.2    |
| GE 3000               | 95.0                        | 95.4    | 96.2    | 96.7    | 97.0    | 97.1        | 97.2    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.4      | 97.4      | 97.6    |
| GE 2500               | 95.1                        | 95.5    | 96.4    | 96.9    | 97.2    | 97.3        | 97.4    | 97.5        | 97.5        | 97.5    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.8    |
| GE 2000               | 95.3                        | 95.8    | 96.6    | 97.3    | 97.5    | 97.7        | 97.8    | 97.9        | 97.9        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.2    |
| GE 1800               | 95.3                        | 95.8    | 96.7    | 97.3    | 97.5    | 97.7        | 97.8    | 97.9        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.2    |
| GE 1500               | 95.7                        | 96.2    | 97.1    | 97.7    | 98.1    | 98.2        | 98.4    | 98.5        | 98.5        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.8    |
| GE 1200               | 95.7                        | 95.7    | 97.2    | 97.8    | 98.1    | 98.3        | 98.4    | 98.5        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.8    |
| GE 1000               | 96.0                        | 96.5    | 97.4    | 98.0    | 98.4    | 98.5        | 98.7    | 98.8        | 98.8        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 99.1    |
| GE 900                | 96.0                        | 96.6    | 97.5    | 98.1    | 98.4    | 98.6        | 98.7    | 98.9        | 98.9        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.2    |
| GE 800                | 96.0                        | 96.6    | 97.5    | 98.1    | 98.5    | 98.6        | 98.8    | 99.0        | 99.0        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.3    |
| GE 700                | 96.0                        | 96.6    | 97.5    | 98.2    | 98.5    | 98.7        | 98.9    | 99.0        | 99.1        | 99.1    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.4    |
| GE 600                | 96.0                        | 96.6    | 97.5    | 98.2    | 98.6    | 98.7        | 98.9    | 99.1        | 99.1        | 99.2    | 99.2      | 99.2      | 99.2      | 99.3      | 99.3      | 99.5    |
| GE 500                | 96.1                        | 96.7    | 97.6    | 98.2    | 98.6    | 98.9        | 99.1    | 99.3        | 99.3        | 99.4    | 99.5      | 99.5      | 99.5      | 99.6      | 99.6      | 99.8    |
| GE 400                | 96.1                        | 96.7    | 97.6    | 98.2    | 98.7    | 98.9        | 99.1    | 99.3        | 99.3        | 99.5    | 99.6      | 99.6      | 99.6      | 99.7      | 99.7      | 99.9    |
| GE 300                | 96.1                        | 96.7    | 97.6    | 98.3    | 98.7    | 98.9        | 99.1    | 99.3        | 99.4        | 99.5    | 99.6      | 99.6      | 99.6      | 99.7      | 99.7      | 99.9    |
| GE 200                | 96.1                        | 96.7    | 97.6    | 98.3    | 98.7    | 98.9        | 99.1    | 99.3        | 99.4        | 99.5    | 99.6      | 99.6      | 99.6      | 99.7      | 99.7      | 100.0   |
| GE 100                | 96.1                        | 96.7    | 97.6    | 98.3    | 98.7    | 98.9        | 99.1    | 99.3        | 99.4        | 99.5    | 99.6      | 99.6      | 99.6      | 99.7      | 99.7      | 100.0   |
| GE 000                | 96.1                        | 96.7    | 97.6    | 98.3    | 98.7    | 98.9        | 99.1    | 99.3        | 99.4        | 99.5    | 99.6      | 99.6      | 99.6      | 99.7      | 99.7      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4558

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 14000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 12000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 1600               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 18



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 75.9                        | 76.1    | 76.5    | 76.7    | 77.2    | 77.5        | 77.5    | 77.5        | 77.5        | 77.5    | 77.5      | 77.5      | 77.5      | 77.5      | 77.5      | 77.5    |
| GE 20000              | 80.8                        | 80.9    | 81.3    | 81.6    | 82.3    | 82.5        | 82.5    | 82.5        | 82.5        | 82.5    | 82.5      | 82.5      | 82.5      | 82.5      | 82.5      | 82.5    |
| GE 18000              | 80.9                        | 81.0    | 81.4    | 81.7    | 82.4    | 82.6        | 82.6    | 82.6        | 82.6        | 82.6    | 82.6      | 82.6      | 82.6      | 82.6      | 82.6      | 82.6    |
| GE 16000              | 81.1                        | 81.2    | 81.7    | 81.9    | 82.6    | 82.8        | 82.8    | 82.8        | 82.8        | 82.8    | 82.8      | 82.8      | 82.8      | 82.8      | 82.8      | 82.8    |
| GE 14000              | 82.8                        | 83.0    | 83.4    | 83.6    | 84.4    | 84.6        | 84.6    | 84.6        | 84.6        | 84.6    | 84.6      | 84.6      | 84.6      | 84.6      | 84.6      | 84.6    |
| GE 12000              | 84.9                        | 85.1    | 85.5    | 85.9    | 86.7    | 86.9        | 86.9    | 86.9        | 86.9        | 86.9    | 86.9      | 86.9      | 86.9      | 86.9      | 86.9      | 86.9    |
| GE 10000              | 87.7                        | 87.9    | 88.3    | 88.7    | 89.5    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.8      | 89.8    |
| GE 9000               | 87.7                        | 87.9    | 88.3    | 88.7    | 89.5    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.8      | 89.8    |
| GE 8000               | 89.6                        | 89.9    | 90.3    | 90.6    | 91.5    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 91.7      | 91.7      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 7000               | 90.3                        | 90.5    | 90.9    | 91.3    | 92.1    | 92.3        | 92.3    | 92.3        | 92.3        | 92.3    | 92.3      | 92.3      | 92.3      | 92.3      | 92.3      | 92.3    |
| GE 6000               | 90.9                        | 91.2    | 91.6    | 91.9    | 92.8    | 93.0        | 93.0    | 93.0        | 93.0        | 93.0    | 93.0      | 93.0      | 93.0      | 93.0      | 93.0      | 93.0    |
| GE 5000               | 91.5                        | 91.7    | 92.1    | 92.4    | 93.3    | 93.5        | 93.5    | 93.5        | 93.5        | 93.5    | 93.5      | 93.5      | 93.5      | 93.5      | 93.5      | 93.5    |
| GE 4500               | 91.6                        | 91.8    | 92.3    | 92.7    | 93.5    | 93.7        | 93.7    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7      | 93.7      | 93.7    |
| GE 4000               | 93.7                        | 94.0    | 94.5    | 94.8    | 95.7    | 95.9        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 3500               | 94.6                        | 94.8    | 95.5    | 95.8    | 96.9    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 3000               | 96.8                        | 97.0    | 97.7    | 98.1    | 99.1    | 99.4        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 2500               | 97.0                        | 97.2    | 98.0    | 98.3    | 99.4    | 99.6        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 2000               | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.2                        | 97.4    | 98.2    | 98.5    | 99.6    | 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 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 75.1                        | 75.1    | 75.2    | 75.3    | 75.3    | 75.3        | 75.3    | 75.3        | 75.3        | 75.3    | 75.3      | 75.3      | 75.3      | 75.3      | 75.3      | 75.3    |
| GE 20000              | 81.1                        | 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      | 81.3    |
| GE 18000              | 81.6                        | 81.6    | 81.7    | 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 16000              | 81.6                        | 81.6    | 81.7    | 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 14000              | 83.8                        | 83.8    | 83.9    | 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 12000              | 86.5                        | 86.8    | 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      | 87.0    |
| GE 10000              | 88.3                        | 88.6    | 88.7    | 88.8    | 88.8    | 88.8        | 88.8    | 88.8        | 88.8        | 88.8    | 88.8      | 88.8      | 88.8      | 88.8      | 88.8      | 88.8    |
| GE 9000               | 88.3                        | 88.6    | 88.7    | 88.8    | 88.8    | 88.8        | 88.8    | 88.8        | 88.8        | 88.8    | 88.8      | 88.8      | 88.8      | 88.8      | 88.8      | 88.8    |
| GE 8000               | 90.0                        | 90.3    | 90.5    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 7000               | 90.3                        | 90.6    | 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      | 91.0    |
| GE 6000               | 91.2                        | 91.5    | 91.7    | 91.8    | 91.8    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 5000               | 92.7                        | 93.0    | 93.2    | 93.3    | 93.3    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4      | 93.4      | 93.4    |
| GE 4500               | 92.8                        | 93.1    | 93.3    | 93.4    | 93.4    | 93.5        | 93.5    | 93.5        | 93.5        | 93.5    | 93.5      | 93.5      | 93.5      | 93.5      | 93.5      | 93.5    |
| GE 4000               | 95.2                        | 95.5    | 95.7    | 95.8    | 95.8    | 95.9        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 3500               | 96.1                        | 96.5    | 96.7    | 96.8    | 96.9    | 97.0        | 97.0    | 97.0        | 97.0        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0      | 97.0      | 97.0    |
| GE 3000               | 97.7                        | 98.1    | 98.4    | 98.6    | 98.7    | 98.8        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2500               | 97.7                        | 98.1    | 98.4    | 98.6    | 98.7    | 98.8        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2000               | 98.2                        | 98.5    | 99.0    | 99.4    | 99.5    | 99.6        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1800               | 98.2                        | 98.5    | 99.0    | 99.4    | 99.5    | 99.6        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1500               | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.3                        | 98.6    | 99.1    | 99.5    | 99.6    | 99.7        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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      | 79.2      | 79.2      | 79.2    |
| GE 18000              | 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 16000              | 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 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              | 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 10000              | 84.9                        | 85.2    | 85.3    | 85.3    | 85.4    | 85.4        | 85.4    | 85.4        | 85.4        | 85.4    | 85.4      | 85.4      | 85.4      | 85.4      | 85.4      | 85.4    |
| GE 9000               | 85.1                        | 85.3    | 85.4    | 85.4    | 85.5    | 85.5        | 85.5    | 85.5        | 85.5        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5      | 85.5      | 85.5    |
| GE 8000               | 86.3                        | 86.6    | 86.7    | 86.7    | 86.9    | 86.9        | 86.9    | 86.9        | 86.9        | 86.9    | 86.9      | 86.9      | 86.9      | 86.9      | 86.9      | 86.9    |
| GE 7000               | 86.5                        | 86.7    | 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    |
| GE 6000               | 88.0                        | 88.2    | 88.3    | 88.3    | 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               | 89.8                        | 90.0    | 90.2    | 90.2    | 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 4500               | 90.2                        | 90.4    | 90.6    | 90.6    | 91.0    | 91.0        | 91.0    | 91.0        | 91.0        | 91.0    | 91.0      | 91.0      | 91.0      | 91.0      | 91.0      | 91.0    |
| GE 4000               | 93.5                        | 93.8    | 94.0    | 94.0    | 94.3    | 94.3        | 94.3    | 94.3        | 94.3        | 94.3    | 94.3      | 94.3      | 94.3      | 94.3      | 94.3      | 94.3    |
| GE 3500               | 94.6                        | 94.8    | 95.1    | 95.3    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 3000               | 97.2                        | 97.6    | 97.8    | 98.2    | 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 2500               | 97.5                        | 98.0    | 98.3    | 98.6    | 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               | 97.6                        | 98.1    | 98.5    | 98.8    | 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 1800               | 97.6                        | 98.1    | 98.5    | 98.8    | 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 1500               | 97.7                        | 98.2    | 98.7    | 99.1    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 1200               | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1000               | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 900                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 800                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 700                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 600                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 500                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 400                | 97.8                        | 98.3    | 98.8    | 99.2    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 300                | 98.0                        | 98.4    | 98.9    | 99.4    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.0                        | 98.4    | 98.9    | 99.4    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.0                        | 98.4    | 98.9    | 99.4    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.0                        | 98.4    | 98.9    | 99.4    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 68.5                        | 68.6    | 68.6    | 68.6    | 68.6    | 68.6        | 68.6    | 68.6        | 68.6        | 68.6    | 68.6      | 68.6      | 68.6      | 68.6      | 68.6      | 68.6    |
| GE 20000              | 78.7                        | 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 18000              | 79.1                        | 79.5    | 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              | 79.2                        | 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      | 79.7      | 79.7    |
| GE 14000              | 81.3                        | 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      | 81.7      | 81.7    |
| GE 12000              | 83.3                        | 83.7    | 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 10000              | 85.2                        | 85.5    | 85.6    | 85.6    | 85.6    | 85.6        | 85.6    | 85.6        | 85.6        | 85.6    | 85.6      | 85.6      | 85.6      | 85.6      | 85.6      | 85.6    |
| GE 9000               | 85.3                        | 85.6    | 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 8000               | 86.5                        | 86.8    | 86.9    | 86.9    | 86.9    | 86.9        | 86.9    | 86.9        | 86.9        | 86.9    | 86.9      | 86.9      | 86.9      | 86.9      | 86.9      | 86.9    |
| GE 7000               | 86.6                        | 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      | 87.0      | 87.0    |
| GE 6000               | 88.5                        | 88.8    | 88.9    | 88.9    | 88.9    | 89.0        | 89.0    | 89.0        | 89.0        | 89.0    | 89.0      | 89.0      | 89.0      | 89.0      | 89.0      | 89.0    |
| GE 5000               | 90.6                        | 91.1    | 91.2    | 91.2    | 91.2    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 4500               | 90.9                        | 91.3    | 91.4    | 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    |
| GE 4000               | 94.2                        | 94.8    | 94.9    | 94.9    | 94.9    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1      | 95.1      | 95.1    |
| GE 3500               | 95.1                        | 95.7    | 95.8    | 96.0    | 96.1    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2      | 96.2      | 96.2    |
| GE 3000               | 97.0                        | 97.6    | 97.7    | 98.2    | 98.3    | 98.5        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.5    |
| GE 2500               | 97.4                        | 98.1    | 98.2    | 98.6    | 98.7    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 2000               | 97.6                        | 98.3    | 98.4    | 98.8    | 98.9    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1800               | 97.6                        | 98.3    | 98.4    | 98.8    | 98.9    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1500               | 97.6                        | 98.3    | 98.4    | 98.8    | 98.9    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 1200               | 98.0                        | 98.6    | 98.7    | 99.1    | 99.2    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 1000               | 98.4                        | 99.0    | 99.1    | 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   |
| GE 900                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 800                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 700                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 600                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 500                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 400                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 300                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 200                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 100                | 98.4                        | 99.0    | 99.1    | 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   |
| GE 000                | 98.4                        | 99.0    | 99.1    | 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   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 74.3                        | 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 20000              | 80.0                        | 80.3    | 80.5    | 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 18000              | 80.9                        | 81.3    | 81.5    | 81.6    | 81.6    | 81.6        | 81.6    | 81.6        | 81.6        | 81.6    | 81.6      | 81.6      | 81.6      | 81.6      | 81.6      | 81.6    |
| GE 16000              | 81.3                        | 81.6    | 81.8    | 81.9    | 81.9    | 81.9        | 81.9    | 81.9        | 81.9        | 81.9    | 81.9      | 81.9      | 81.9      | 81.9      | 81.9      | 81.9    |
| GE 14000              | 82.8                        | 83.1    | 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    |
| GE 12000              | 84.1                        | 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      | 84.7    |
| GE 10000              | 85.9                        | 86.2    | 86.4    | 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 9000               | 86.3                        | 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      | 87.0    |
| GE 8000               | 87.9                        | 88.3    | 88.5    | 88.6    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.6    | 88.6      | 88.6      | 88.6      | 88.6      | 88.6      | 88.6    |
| GE 7000               | 87.9                        | 88.3    | 88.5    | 88.6    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.6    | 88.6      | 88.6      | 88.6      | 88.6      | 88.6      | 88.6    |
| GE 6000               | 89.1                        | 89.5    | 89.7    | 89.8    | 89.8    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.8      | 89.8    |
| GE 5000               | 90.5                        | 90.9    | 91.3    | 91.4    | 91.4    | 91.4        | 91.4    | 91.4        | 91.4        | 91.4    | 91.4      | 91.4      | 91.4      | 91.4      | 91.4      | 91.4    |
| GE 4500               | 90.7                        | 91.1    | 91.6    | 91.8    | 91.8    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 91.8    |
| GE 4000               | 93.6                        | 94.0    | 94.8    | 95.0    | 95.0    | 95.0        | 95.0    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2      | 95.2      | 95.2    |
| GE 3500               | 94.6                        | 94.9    | 95.8    | 96.0    | 96.0    | 96.0        | 96.0    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.1    |
| GE 3000               | 96.8                        | 97.1    | 98.2    | 98.5    | 98.5    | 98.5        | 98.5    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 2500               | 97.0                        | 97.3    | 98.4    | 98.7    | 98.7    | 98.7        | 98.7    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8      | 98.8      | 98.8    |
| GE 2000               | 97.1                        | 97.4    | 98.6    | 98.9    | 98.9    | 98.9        | 99.1    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 1800               | 97.1                        | 97.4    | 98.6    | 98.9    | 98.9    | 98.9        | 99.1    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 1500               | 97.2                        | 97.5    | 98.7    | 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    |
| GE 1200               | 97.2                        | 97.5    | 98.7    | 99.1    | 99.4    | 99.4        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1000               | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.5                        | 97.8    | 99.0    | 99.5    | 99.7    | 99.7        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 78.6      | 78.6    |
| GE 20000              | 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 18000              | 84.8                        | 84.8    | 84.8    | 84.8    | 84.8    | 84.8        | 84.8    | 84.8        | 84.8        | 84.8    | 84.8      | 84.8      | 84.8      | 84.8      | 84.8      | 84.8    |
| GE 16000              | 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 14000              | 86.1                        | 86.1    | 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 12000              | 87.4                        | 87.4    | 87.7    | 87.7    | 87.7    | 87.7        | 87.7    | 87.7        | 87.7        | 87.7    | 87.7      | 87.7      | 87.7      | 87.7      | 87.7      | 87.7    |
| GE 10000              | 89.3                        | 89.3    | 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 9000               | 90.0                        | 90.0    | 90.3    | 90.3    | 90.3    | 90.3        | 90.3    | 90.3        | 90.3        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3      | 90.3      | 90.3    |
| GE 8000               | 90.3                        | 90.3    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 7000               | 90.3                        | 90.3    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 6000               | 91.6                        | 91.6    | 91.9    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 5000               | 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      | 92.9      | 92.9    |
| GE 4500               | 92.9                        | 92.9    | 93.2    | 93.2    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2      | 93.2      | 93.2    |
| GE 4000               | 95.5                        | 95.5    | 95.8    | 95.8    | 95.8    | 95.8        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.8    |
| GE 3500               | 96.1                        | 96.1    | 97.1    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 3000               | 97.4                        | 97.4    | 98.4    | 98.7    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.7    |
| GE 2500               | 97.7                        | 97.7    | 98.7    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2000               | 98.1                        | 98.1    | 99.0    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 1800               | 98.1                        | 98.1    | 99.0    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 1500               | 98.1                        | 98.1    | 99.0    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 1200               | 98.1                        | 98.1    | 99.0    | 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    |
| GE 1000               | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.4                        | 98.4    | 99.4    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 73.1                        | 73.2    | 73.3    | 73.4    | 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 20000              | 80.3                        | 80.4    | 80.6    | 80.6    | 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 18000              | 80.8                        | 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 16000              | 81.0                        | 81.1    | 81.3    | 81.3    | 81.5    | 81.5        | 81.5    | 81.5        | 81.5        | 81.5    | 81.5      | 81.5      | 81.5      | 81.5      | 81.5      | 81.5    |
| GE 14000              | 82.7                        | 82.8    | 83.0    | 83.1    | 83.2    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 83.3      | 83.3      | 83.3      | 83.3      | 83.3      | 83.3    |
| GE 12000              | 84.7                        | 84.9    | 85.1    | 85.2    | 85.3    | 85.4        | 85.4    | 85.4        | 85.4        | 85.4    | 85.4      | 85.4      | 85.4      | 85.4      | 85.4      | 85.4    |
| GE 10000              | 86.6                        | 86.9    | 87.1    | 87.2    | 87.4    | 87.4        | 87.4    | 87.4        | 87.4        | 87.4    | 87.4      | 87.4      | 87.4      | 87.4      | 87.4      | 87.4    |
| GE 9000               | 86.8                        | 87.1    | 87.3    | 87.4    | 87.5    | 87.6        | 87.6    | 87.6        | 87.6        | 87.6    | 87.6      | 87.6      | 87.6      | 87.6      | 87.6      | 87.6    |
| GE 8000               | 88.3                        | 88.5    | 88.7    | 88.8    | 89.0    | 89.1        | 89.1    | 89.1        | 89.1        | 89.1    | 89.1      | 89.1      | 89.1      | 89.1      | 89.1      | 89.1    |
| GE 7000               | 88.5                        | 88.7    | 89.0    | 89.1    | 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 6000               | 89.7                        | 90.0    | 90.2    | 90.3    | 90.5    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 5000               | 91.2                        | 91.4    | 91.7    | 91.8    | 92.0    | 92.1        | 92.1    | 92.1        | 92.1        | 92.1    | 92.1      | 92.1      | 92.1      | 92.1      | 92.1      | 92.1    |
| GE 4500               | 91.4                        | 91.7    | 92.0    | 92.1    | 92.3    | 92.4        | 92.4    | 92.4        | 92.4        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4      | 92.4      | 92.4    |
| GE 4000               | 94.2                        | 94.5    | 94.9    | 95.0    | 95.2    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3      | 95.3      | 95.3    |
| GE 3500               | 95.1                        | 95.4    | 95.9    | 96.1    | 96.4    | 96.4        | 96.4    | 96.5        | 96.5        | 96.5    | 96.5      | 96.5      | 96.5      | 96.5      | 96.5      | 96.5    |
| GE 3000               | 97.1                        | 97.5    | 98.0    | 98.3    | 98.7    | 98.8        | 98.8    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 2500               | 97.4                        | 97.7    | 98.3    | 98.6    | 98.9    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 2000               | 97.6                        | 97.9    | 98.6    | 98.9    | 99.3    | 99.4        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 1800               | 97.6                        | 97.9    | 98.6    | 98.9    | 99.3    | 99.4        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 1500               | 97.6                        | 98.0    | 98.7    | 99.0    | 99.4    | 99.5        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 1200               | 97.7                        | 98.1    | 98.7    | 99.1    | 99.5    | 99.6        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 1000               | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.9                        | 98.3    | 98.9    | 99.3    | 99.7    | 99.8        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4973

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 86.6                        | 86.6    | 86.6    | 86.6    | 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 20000              | 90.8                        | 90.8    | 90.8    | 90.8    | 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 18000              | 90.8                        | 90.8    | 90.8    | 90.8    | 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 16000              | 90.8                        | 90.8    | 90.8    | 90.8    | 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 14000              | 92.4                        | 92.4    | 92.4    | 92.4    | 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 12000              | 93.3                        | 93.3    | 93.3    | 93.3    | 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 10000              | 95.8                        | 95.8    | 95.8    | 95.8    | 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 9000               | 95.8                        | 95.8    | 95.8    | 95.8    | 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 8000               | 95.8                        | 95.8    | 95.8    | 95.8    | 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 7000               | 95.8                        | 95.8    | 95.8    | 95.8    | 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 6000               | 95.8                        | 95.8    | 95.8    | 95.8    | 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 5000               | 97.5                        | 97.5    | 97.5    | 97.5    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 4500               | 97.5                        | 97.5    | 97.5    | 97.5    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 4000               | 98.3                        | 98.3    | 98.3    | 98.3    | 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 3500               | 99.2                        | 99.2    | 99.2    | 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 3000               | 99.2                        | 99.2    | 99.2    | 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 2500               | 99.2                        | 99.2    | 99.2    | 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 2000               | 99.2                        | 99.2    | 99.2    | 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 1800               | 99.2                        | 99.2    | 99.2    | 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 1500               | 99.2                        | 99.2    | 99.2    | 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 1200               | 99.2                        | 99.2    | 99.2    | 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 1000               | 99.2                        | 99.2    | 99.2    | 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 900                | 99.2                        | 99.2    | 99.2    | 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 800                | 99.2                        | 99.2    | 99.2    | 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 700                | 99.2                        | 99.2    | 99.2    | 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 600                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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                | 99.2                        | 99.2    | 99.2    | 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 119



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.4                        | 82.4    | 82.7    | 83.0    | 83.1    | 83.1        | 83.2    | 83.2        | 83.2        | 83.2    | 83.2      | 83.2      | 83.2      | 83.2      | 83.2      | 83.2    |
| GE 20000              | 89.2                        | 89.2    | 89.6    | 89.9    | 90.0    | 90.0        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1      | 90.1      | 90.1    |
| GE 18000              | 89.6                        | 89.6    | 89.9    | 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 16000              | 89.6                        | 89.6    | 89.9    | 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 14000              | 90.3                        | 90.3    | 90.7    | 91.0    | 91.1    | 91.1        | 91.2    | 91.2        | 91.2        | 91.2    | 91.2      | 91.2      | 91.2      | 91.2      | 91.2      | 91.2    |
| GE 12000              | 91.8                        | 91.8    | 92.1    | 92.4    | 92.6    | 92.6        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7      | 92.7      | 92.7    |
| GE 10000              | 94.1                        | 94.1    | 94.4    | 94.8    | 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 9000               | 94.3                        | 94.3    | 94.7    | 95.0    | 95.1    | 95.1        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2      | 95.2      | 95.2    |
| GE 8000               | 94.9                        | 94.9    | 95.2    | 95.6    | 95.7    | 95.7        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.8    |
| GE 7000               | 95.0                        | 95.0    | 95.3    | 95.7    | 95.8    | 95.8        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 6000               | 96.2                        | 96.2    | 96.6    | 96.9    | 97.0    | 97.0        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 5000               | 97.0                        | 97.0    | 97.3    | 97.7    | 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 4500               | 97.1                        | 97.1    | 97.4    | 97.8    | 97.9    | 97.9        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.0    |
| GE 4000               | 98.2                        | 98.2    | 98.6    | 98.9    | 99.0    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 3500               | 98.6                        | 98.6    | 98.9    | 99.2    | 99.3    | 99.3        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 3000               | 98.8                        | 98.8    | 99.1    | 99.4    | 99.6    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 2500               | 98.8                        | 98.8    | 99.1    | 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 2000               | 98.8                        | 98.8    | 99.1    | 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 1800               | 98.8                        | 98.8    | 99.1    | 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 1500               | 98.8                        | 98.8    | 99.1    | 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 1200               | 98.8                        | 98.8    | 99.1    | 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 1000               | 98.8                        | 98.8    | 99.1    | 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 900                | 98.8                        | 98.8    | 99.1    | 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 800                | 98.8                        | 98.8    | 99.1    | 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 700                | 98.8                        | 98.8    | 99.1    | 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 600                | 98.8                        | 98.8    | 99.1    | 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                | 98.8                        | 98.8    | 99.1    | 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 400                | 98.8                        | 98.8    | 99.1    | 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 300                | 98.8                        | 98.8    | 99.1    | 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 200                | 98.8                        | 98.8    | 99.1    | 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 100                | 98.8                        | 98.8    | 99.1    | 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 000                | 98.8                        | 98.8    | 99.1    | 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   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.3                        | 82.3    | 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 20000              | 89.4                        | 89.4    | 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 18000              | 90.0                        | 90.0    | 90.1    | 90.1    | 90.1    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1      | 90.1      | 90.1    |
| GE 16000              | 90.1                        | 90.1    | 90.2    | 90.2    | 90.2    | 90.2        | 90.2    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2      | 90.2      | 90.2    |
| GE 14000              | 91.2                        | 91.2    | 91.3    | 91.3    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 12000              | 92.8                        | 92.8    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 10000              | 93.6                        | 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    |
| GE 9000               | 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 8000               | 94.9                        | 94.9    | 95.0    | 95.0    | 95.0    | 95.0        | 95.0    | 95.0        | 95.0        | 95.0    | 95.0      | 95.0      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 7000               | 95.2                        | 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    |
| GE 6000               | 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      | 96.4      | 96.4    |
| GE 5000               | 97.3                        | 97.3    | 97.4    | 97.4    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 4500               | 97.3                        | 97.3    | 97.4    | 97.4    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 4000               | 98.9                        | 98.9    | 99.0    | 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 3500               | 99.2                        | 99.2    | 99.3    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 3000               | 99.6                        | 99.6    | 99.7    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 2500               | 99.6                        | 99.6    | 99.7    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 2000               | 99.6                        | 99.6    | 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 1800               | 99.6                        | 99.6    | 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 1500               | 99.6                        | 99.6    | 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 1200               | 99.6                        | 99.6    | 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               | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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                | 99.6                        | 99.6    | 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 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 79.6                        | 79.6    | 79.9    | 79.9    | 79.9    | 79.9        | 79.9    | 79.9        | 79.9        | 79.9    | 79.9      | 79.9      | 79.9      | 79.9      | 79.9      | 79.9    |
| GE 20000              | 88.7                        | 88.8    | 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 18000              | 89.1                        | 89.2    | 89.6    | 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 16000              | 89.2                        | 89.3    | 89.7    | 89.8    | 89.8    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8      | 89.8      | 89.8    |
| GE 14000              | 89.9                        | 90.0    | 90.3    | 90.4    | 90.4    | 90.4        | 90.4    | 90.4        | 90.4        | 90.4    | 90.4      | 90.4      | 90.4      | 90.4      | 90.4      | 90.4    |
| GE 12000              | 90.7                        | 90.8    | 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    |
| GE 10000              | 91.1                        | 91.3    | 91.7    | 91.8    | 91.8    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 91.8    |
| GE 9000               | 91.4                        | 91.7    | 92.0    | 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 8000               | 92.1                        | 92.6    | 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    |
| GE 7000               | 92.4                        | 92.9    | 93.2    | 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 6000               | 93.9                        | 94.3    | 94.7    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 5000               | 96.3                        | 96.8    | 97.1    | 97.2    | 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 4500               | 96.4                        | 96.9    | 97.2    | 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 4000               | 97.7                        | 98.1    | 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      | 98.6    |
| GE 3500               | 98.2                        | 98.7    | 99.0    | 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 3000               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.1                        | 99.6    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| N: CEIL               | 79.3                        | 79.3    | 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 20000              | 86.1                        | 86.1    | 86.1    | 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 18000              | 86.6                        | 86.6    | 86.6    | 86.9    | 86.9    | 86.9        | 86.9    | 86.9        | 86.9        | 86.9    | 86.9      | 86.9      | 86.9      | 86.9      | 86.9      | 86.9    |
| GE 16000              | 86.8                        | 86.8    | 86.8    | 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 14000              | 87.6                        | 87.6    | 87.6    | 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 12000              | 88.8                        | 88.8    | 88.8    | 89.1    | 89.1    | 89.1        | 89.1    | 89.1        | 89.1        | 89.1    | 89.1      | 89.1      | 89.1      | 89.1      | 89.1      | 89.1    |
| GE 10000              | 89.9                        | 89.9    | 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 9000               | 90.0                        | 90.0    | 90.0    | 90.3    | 90.3    | 90.3        | 90.3    | 90.3        | 90.3        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3      | 90.3      | 90.3    |
| GE 8000               | 91.4                        | 91.6    | 91.6    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 7000               | 91.7                        | 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    |
| GE 6000               | 93.3                        | 93.4    | 93.4    | 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               | 96.0                        | 96.1    | 96.1    | 96.4    | 96.4    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.4      | 96.4      | 96.4      | 96.4    |
| GE 4500               | 96.7                        | 96.8    | 96.8    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 4000               | 98.7                        | 98.8    | 98.8    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 3500               | 98.9                        | 99.0    | 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 3000               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.6                        | 99.7    | 99.7    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | CE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.4                        | 82.7    | 82.9    | 83.0    | 83.0    | 83.0        | 83.0    | 83.0        | 83.0        | 83.0    | 83.0      | 83.0      | 83.0      | 83.0      | 83.0      | 83.0    |
| GE 20000              | 89.6                        | 89.8    | 90.0    | 90.1    | 90.1    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1      | 90.1      | 90.1    |
| GE 18000              | 90.3                        | 90.6    | 90.8    | 90.9    | 90.9    | 90.9        | 90.9    | 90.9        | 90.9        | 90.9    | 90.9      | 90.9      | 90.9      | 90.9      | 90.9      | 90.9    |
| GE 16000              | 90.7                        | 90.9    | 91.1    | 91.2    | 91.2    | 91.2        | 91.2    | 91.2        | 91.2        | 91.2    | 91.2      | 91.2      | 91.2      | 91.2      | 91.2      | 91.2    |
| GE 14000              | 91.3                        | 91.6    | 91.8    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 12000              | 91.9                        | 92.1    | 92.3    | 92.4    | 92.4    | 92.4        | 92.4    | 92.4        | 92.4        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4      | 92.4      | 92.4    |
| GE 10000              | 92.3                        | 92.6    | 92.8    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 9000               | 92.3                        | 92.6    | 92.8    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 8000               | 94.1                        | 94.3    | 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    |
| GE 7000               | 94.3                        | 94.6    | 94.8    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9      | 94.9      | 94.9    |
| GE 6000               | 95.1                        | 95.3    | 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 5000               | 96.6                        | 96.8    | 97.0    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 4500               | 97.6                        | 97.8    | 98.0    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 4000               | 98.3                        | 98.6    | 98.8    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 3500               | 98.7                        | 98.9    | 99.1    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 3000               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.4                        | 99.7    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 87.6                        | 88.0    | 88.0    | 88.0    | 88.0    | 88.0        | 88.0    | 88.0        | 88.0        | 88.0    | 88.0      | 88.0      | 88.0      | 88.0      | 88.0      | 88.0    |
| GE 20000              | 92.4                        | 92.9    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 18000              | 93.3                        | 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 16000              | 93.3                        | 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 14000              | 93.8                        | 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      | 94.2    |
| GE 12000              | 94.2                        | 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 10000              | 94.2                        | 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 9000               | 94.2                        | 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 8000               | 95.6                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 7000               | 96.0                        | 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 6000               | 96.0                        | 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 5000               | 96.4                        | 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 4500               | 97.3                        | 97.8    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8      | 97.8      | 97.8    |
| GE 4000               | 98.2                        | 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      | 98.7    |
| GE 3500               | 98.7                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 3000               | 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     | 100.0   |
| GE 2500               | 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     | 100.0   |
| GE 2000               | 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     | 100.0   |
| GE 1800               | 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     | 100.0   |
| GE 1500               | 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     | 100.0   |
| GE 1200               | 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     | 100.0   |
| GE 1000               | 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     | 100.0   |
| GE 900                | 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     | 100.0   |
| GE 800                | 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     | 100.0   |
| GE 700                | 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     | 100.0   |
| GE 600                | 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     | 100.0   |
| GE 500                | 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     | 100.0   |
| GE 400                | 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     | 100.0   |
| GE 300                | 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     | 100.0   |
| GE 200                | 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     | 100.0   |
| GE 100                | 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     | 100.0   |
| GE 000                | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 225

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: APR HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 81.6                        | 81.7    | 81.9    | 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 20000              | 88.8                        | 88.9    | 89.1    | 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 18000              | 89.3                        | 89.4    | 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    |
| GE 16000              | 89.5                        | 89.6    | 89.8    | 89.9    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0      | 90.0      | 90.0    |
| GE 14000              | 90.3                        | 90.4    | 90.6    | 90.7    | 90.8    | 90.8        | 90.8    | 90.8        | 90.8        | 90.8    | 90.8      | 90.8      | 90.8      | 90.8      | 90.8      | 90.8    |
| GE 12000              | 91.4                        | 91.5    | 91.6    | 91.8    | 91.8    | 91.8        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 10000              | 92.4                        | 92.5    | 92.7    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 9000               | 92.6                        | 92.7    | 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      | 93.1    |
| GE 8000               | 93.6                        | 93.8    | 94.0    | 94.2    | 94.2    | 94.2        | 94.2    | 94.2        | 94.2        | 94.2    | 94.2      | 94.2      | 94.2      | 94.2      | 94.2      | 94.2    |
| GE 7000               | 93.9                        | 94.1    | 94.2    | 94.4    | 94.4    | 94.4        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5      | 94.5      | 94.5    |
| GE 6000               | 95.0                        | 95.2    | 95.4    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 5000               | 96.7                        | 96.8    | 97.0    | 97.2    | 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 4500               | 97.0                        | 97.2    | 97.4    | 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 4000               | 98.3                        | 98.5    | 98.7    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 3500               | 98.7                        | 98.9    | 99.1    | 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 3000               | 99.3                        | 99.5    | 99.6    | 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 2500               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.3                        | 99.5    | 99.6    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 90.2                        | 90.2    | 91.5    | 91.5    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 20000              | 94.5                        | 94.5    | 95.8    | 95.8    | 96.1    | 96.1        | 96.1    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.1    |
| GE 18000              | 94.5                        | 94.5    | 95.8    | 95.8    | 96.1    | 96.1        | 96.1    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.1    |
| GE 16000              | 94.5                        | 94.5    | 95.8    | 95.8    | 96.1    | 96.1        | 96.1    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1      | 96.1      | 96.1    |
| GE 14000              | 95.4                        | 95.4    | 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 12000              | 96.1                        | 96.1    | 97.4    | 97.4    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 10000              | 96.7                        | 96.7    | 98.0    | 98.0    | 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 9000               | 97.1                        | 97.1    | 98.4    | 98.4    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.7    |
| GE 8000               | 97.4                        | 97.4    | 98.7    | 98.7    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 7000               | 97.4                        | 97.4    | 98.7    | 98.7    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 6000               | 97.7                        | 97.7    | 99.0    | 99.0    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 5000               | 97.7                        | 97.7    | 99.0    | 99.0    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 4500               | 97.7                        | 97.7    | 99.0    | 99.0    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 4000               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.4                        | 98.4    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 307



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 91.5                        | 91.6    | 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 20000              | 95.5                        | 95.6    | 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 18000              | 95.5                        | 95.6    | 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 16000              | 95.7                        | 95.8    | 96.3    | 96.3    | 96.3    | 96.3        | 96.3    | 96.3        | 96.3        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3      | 96.3      | 96.3    |
| GE 14000              | 96.4                        | 96.5    | 97.1    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 12000              | 97.4                        | 97.5    | 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 10000              | 98.7                        | 98.8    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 9000               | 98.7                        | 98.8    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 8000               | 98.7                        | 98.8    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 7000               | 98.7                        | 98.8    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 6000               | 98.8                        | 98.9    | 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 5000               | 99.0                        | 99.1    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4500               | 99.0                        | 99.1    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4000               | 99.0                        | 99.1    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 3500               | 99.1                        | 99.2    | 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 3000               | 99.4                        | 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 2500               | 99.4                        | 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 2000               | 99.4                        | 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 1800               | 99.4                        | 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 1500               | 99.4                        | 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 1200               | 99.4                        | 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 1000               | 99.4                        | 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 900                | 99.4                        | 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 800                | 99.4                        | 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 700                | 99.4                        | 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 600                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 96.0                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 16000              | 96.0                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 14000              | 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      | 96.3      | 96.3      | 96.3    |
| GE 12000              | 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      | 97.8    |
| GE 10000              | 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      | 98.4      | 98.4    |
| GE 9000               | 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      | 98.4      | 98.4    |
| GE 8000               | 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      | 98.9      | 98.9    |
| GE 7000               | 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      | 98.9      | 98.9    |
| GE 6000               | 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      | 99.2    |
| GE 5000               | 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      | 99.8    |
| GE 4500               | 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      | 99.8    |
| GE 4000               | 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      | 99.9      | 99.9    |
| GE 3500               | 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      | 99.9      | 99.9    |
| GE 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 1600               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 1400               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.8                        | 89.8    | 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 20000              | 94.5                        | 94.5    | 94.6    | 94.6    | 94.6    | 94.6        | 94.6    | 94.6        | 94.6        | 94.6    | 94.6      | 94.6      | 94.6      | 94.6      | 94.6      | 94.6    |
| GE 18000              | 94.7                        | 94.7    | 94.8    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 16000              | 94.7                        | 94.7    | 94.8    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 14000              | 95.4                        | 95.4    | 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 12000              | 95.8                        | 95.8    | 95.9    | 95.9    | 95.9    | 95.9        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9      | 95.9      | 95.9    |
| GE 10000              | 96.6                        | 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    |
| GE 9000               | 96.6                        | 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    |
| GE 8000               | 97.5                        | 97.5    | 97.6    | 97.6    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 7000               | 97.5                        | 97.5    | 97.6    | 97.6    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 6000               | 97.6                        | 97.6    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 5000               | 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      | 99.4      | 99.4    |
| GE 4500               | 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      | 99.4      | 99.4    |
| GE 4000               | 99.6                        | 99.6    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 3500               | 99.6                        | 99.6    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 3000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY 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  | 86.8                        | 86.9  | 86.9  | 86.9  | 86.9  | 86.9     | 86.9  | 86.9     | 86.9     | 86.9  | 86.9   | 86.9   | 86.9   | 86.9   | 86.9   | 86.9  |
| GE 20000 | 92.5                        | 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 18000 | 92.5                        | 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 16000 | 92.5                        | 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 14000 | 93.4                        | 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 12000 | 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 10000 | 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   | 95.7   | 95.7  |
| GE 9000  | 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   | 95.7   | 95.7  |
| GE 8000  | 96.2                        | 96.3  | 96.3  | 96.3  | 96.3  | 96.3     | 96.3  | 96.3     | 96.3     | 96.3  | 96.3   | 96.3   | 96.3   | 96.3   | 96.3   | 96.3  |
| GE 7000  | 96.6                        | 96.7  | 96.7  | 96.7  | 96.7  | 96.7     | 96.7  | 96.7     | 96.7     | 96.7  | 96.7   | 96.7   | 96.7   | 96.7   | 96.7   | 96.7  |
| GE 6000  | 97.1                        | 97.2  | 97.2  | 97.2  | 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 5000  | 97.9                        | 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   | 98.0  |
| GE 4500  | 97.9                        | 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   | 98.0  |
| GE 4000  | 99.1                        | 99.2  | 99.2  | 99.2  | 99.2  | 99.2     | 99.2  | 99.2     | 99.2     | 99.2  | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2  |
| GE 3500  | 99.1                        | 99.2  | 99.2  | 99.2  | 99.2  | 99.2     | 99.2  | 99.2     | 99.2     | 99.2  | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2  |
| GE 3000  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 2500  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 2000  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1800  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1500  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1200  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1000  | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 900   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 800   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 700   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 600   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 500   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 400   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 300   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 200   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 100   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 000   | 99.9                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 87.0                        | 87.4    | 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 20000              | 92.4                        | 92.7    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 18000              | 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      | 93.1      | 93.1    |
| GE 16000              | 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      | 93.1      | 93.1    |
| GE 14000              | 94.1                        | 94.4    | 94.7    | 94.7    | 94.7    | 94.7        | 94.7    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7      | 94.7      | 94.7    |
| GE 12000              | 95.1                        | 95.4    | 95.6    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 10000              | 96.3                        | 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    |
| GE 9000               | 96.4                        | 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      | 96.9      | 96.9    |
| GE 8000               | 96.9                        | 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 7000               | 97.4                        | 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 6000               | 97.6                        | 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 5000               | 98.1                        | 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 4500               | 98.1                        | 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 4000               | 99.0                        | 99.3    | 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 3500               | 99.1                        | 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 3000               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.3                        | 99.7    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 18000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 16000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 14000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 12000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 21

OPERATING LOCATION "A"  
USAFETAL, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.6                        | 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      | 90.0      | 90.0    |
| GE 20000              | 94.2                        | 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 18000              | 94.3                        | 94.4    | 94.6    | 94.6    | 94.7    | 94.7        | 94.7    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7      | 94.7      | 94.7    |
| GE 16000              | 94.3                        | 94.4    | 94.7    | 94.7    | 94.7    | 94.7        | 94.7    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7      | 94.7      | 94.7    |
| GE 14000              | 95.2                        | 95.3    | 95.5    | 95.5    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.5    | 95.5      | 95.5      | 95.5      | 95.5      | 95.5      | 95.5    |
| GE 12000              | 96.0                        | 96.1    | 96.4    | 96.4    | 96.4    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.4      | 96.4      | 96.4      | 96.4    |
| GE 10000              | 97.1                        | 97.2    | 97.5    | 97.5    | 97.5    | 97.5        | 97.5    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 9000               | 97.1                        | 97.2    | 97.5    | 97.5    | 97.5    | 97.5        | 97.5    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 8000               | 97.7                        | 97.8    | 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 7000               | 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 6000               | 98.1                        | 98.2    | 98.4    | 98.4    | 98.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 5000               | 98.8                        | 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 4500               | 98.8                        | 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 4000               | 99.3                        | 99.4    | 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 3500               | 99.3                        | 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 3000               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.6                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4944

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 94.9                        | 94.9    | 95.6    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 20000              | 96.3                        | 96.3    | 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 18000              | 96.3                        | 96.3    | 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 16000              | 96.3                        | 96.3    | 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 14000              | 97.0                        | 97.0    | 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 12000              | 98.0                        | 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 10000              | 98.0                        | 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 9000               | 98.0                        | 98.0    | 98.7    | 98.7    | 98.7    | 98.7        | 93.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.7    |
| GE 8000               | 98.3                        | 98.3    | 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 7000               | 98.3                        | 98.3    | 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 6000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 5000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4500               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.3                        | 99.3    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 297



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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      | 96.9    |
| GE 18000              | 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      | 97.4      | 97.4      | 97.4    |
| GE 16000              | 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      | 97.4      | 97.4      | 97.4    |
| GE 14000              | 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 12000              | 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      | 99.4    |
| GE 10000              | 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      | 99.4    |
| GE 9000               | 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      | 99.4    |
| GE 8000               | 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      | 99.7      | 99.7    |
| GE 7000               | 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      | 99.9      | 99.9    |
| GE 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 92.9                        | 92.9    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 20000              | 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      | 97.0      | 97.0    |
| GE 18000              | 97.2                        | 97.2    | 97.2    | 97.2    | 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 16000              | 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      | 97.3      | 97.3    |
| GE 14000              | 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 12000              | 99.1                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 10000              | 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      | 99.6      | 99.6    |
| GE 9000               | 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      | 99.6      | 99.6    |
| GE 8000               | 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      | 99.7      | 99.7    |
| GE 7000               | 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      | 99.9      | 99.9    |
| GE 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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      | 97.0      | 97.0    |
| GE 16000              | 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      | 97.3      | 97.3    |
| GE 14000              | 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 12000              | 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      | 98.4      | 98.4    |
| GE 10000              | 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      | 98.8      | 98.8    |
| GE 9000               | 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      | 98.8      | 98.8    |
| GE 8000               | 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      | 99.2    |
| GE 7000               | 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      | 99.4    |
| GE 6000               | 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      | 99.8    |
| GE 5000               | 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      | 99.9      | 99.9    |
| GE 4500               | 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      | 99.9      | 99.9    |
| GE 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 90.2                        | 90.3    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 20000              | 94.9                        | 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    |
| GE 18000              | 95.2                        | 95.3    | 95.6    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 16000              | 95.4                        | 95.6    | 95.8    | 95.8    | 95.8    | 95.8        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.8    |
| GE 14000              | 95.8                        | 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      | 96.1    |
| GE 12000              | 97.2                        | 97.3    | 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 10000              | 98.0                        | 98.1    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 9000               | 98.0                        | 98.1    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 8000               | 98.2                        | 98.3    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 7000               | 98.2                        | 98.3    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 6000               | 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 5000               | 99.0                        | 99.1    | 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 4500               | 99.0                        | 99.1    | 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 4000               | 99.6                        | 99.7    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3500               | 99.6                        | 99.7    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3000               | 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 2500               | 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 2000               | 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 1800               | 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 1500               | 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 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 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 96.2                        | 96.3    | 96.3    | 96.3    | 96.3    | 96.3        | 96.3    | 96.3        | 96.3        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3      | 96.3      | 96.3    |
| GE 18000              | 96.6                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 16000              | 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 14000              | 97.1                        | 97.2    | 97.2    | 97.2    | 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 12000              | 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      | 98.7    |
| GE 10000              | 99.4                        | 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      | 99.6    |
| GE 9000               | 99.4                        | 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      | 99.6    |
| GE 8000               | 99.4                        | 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      | 99.6    |
| GE 7000               | 99.4                        | 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      | 99.6    |
| GE 6000               | 99.6                        | 99.7    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 5000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 97.7    |
| GE 20000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 18000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 16000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 14000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 12000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 43

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUN HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 93.0                        | 93.0    | 93.1    | 93.1    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.1      | 93.1      | 93.1    |
| GE 20000              | 96.4                        | 96.4    | 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 18000              | 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 16000              | 96.9                        | 96.9    | 97.0    | 97.0    | 97.0    | 97.0        | 97.0    | 97.0        | 97.0        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0      | 97.0      | 97.0    |
| GE 14000              | 97.3                        | 97.4    | 97.5    | 97.5    | 97.5    | 97.5        | 97.5    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 12000              | 98.5                        | 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 10000              | 99.0                        | 99.0    | 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 9000               | 99.0                        | 99.0    | 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 8000               | 99.2                        | 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    |
| GE 7000               | 99.3                        | 99.4    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 6000               | 99.6                        | 99.6    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 5000               | 99.7                        | 99.8    | 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 4500               | 99.7                        | 99.8    | 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 4000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4840

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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      | 93.7      | 93.7    |
| GE 12000              | 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 10000              | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 9000               | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 8000               | 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      | 99.3    |
| GE 7000               | 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      | 99.3    |
| GE 6000               | 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      | 99.7      | 99.7    |
| GE 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 302



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 92.5                        | 92.5    | 92.5    | 9.5     | 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 18000              | 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      | 92.7      | 92.7    |
| GE 16000              | 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 14000              | 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      | 94.2      | 94.2    |
| GE 12000              | 96.7                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 10000              | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 9000               | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 8000               | 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      | 99.3    |
| GE 7000               | 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      | 99.3    |
| GE 6000               | 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      | 99.3    |
| GE 5000               | 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      | 99.6      | 99.6    |
| GE 4500               | 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      | 99.6      | 99.6    |
| GE 4000               | 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      | 99.7      | 99.7    |
| GE 3500               | 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      | 99.7      | 99.7    |
| GE 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 909

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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      | 94.2      | 94.2    |
| GE 18000              | 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      | 94.2      | 94.2    |
| GE 16000              | 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 14000              | 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      | 95.3    |
| GE 12000              | 97.1                        | 97.1    | 97.1    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 10000              | 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      | 98.7      | 98.7    |
| GE 9000               | 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      | 98.7      | 98.7    |
| GE 8000               | 99.1                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 7000               | 99.1                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 6000               | 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      | 99.3    |
| GE 5000               | 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      | 99.8    |
| GE 4500               | 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      | 99.8    |
| GE 4000               | 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      | 99.9      | 99.9    |
| GE 3500               | 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      | 99.9      | 99.9    |
| GE 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 909

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 12-14

| CEILING<br>N<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                      | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL              | 90.8                        | 90.8    | 90.8    | 90.8    | 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 20000             | 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 18000             | 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 16000             | 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 14000             | 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 12000             | 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 10000             | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 9000              | 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      | 99.2    |
| GE 8000              | 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      | 99.2    |
| GE 7000              | 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      | 99.2    |
| GE 6000              | 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      | 99.4    |
| GE 5000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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              | 100.0                       | 100.0   | 100.0   | 100.0   | 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              | 100.0                       | 100.0   | 100.0   | 100.0   | 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              | 100.0                       | 100.0   | 100.0   | 100.0   | 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              | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 909

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 85.2      | 85.2    |
| GE 20000              | 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 18000              | 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      | 90.2      | 90.2    |
| GE 16000              | 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      | 90.2      | 90.2    |
| GE 14000              | 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 12000              | 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      | 93.9    |
| GE 10000              | 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 9000               | 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 8000               | 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 7000               | 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      | 97.5      | 97.5    |
| GE 6000               | 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      | 98.2      | 98.2    |
| GE 5000               | 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      | 99.7      | 99.7    |
| GE 4500               | 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      | 99.7      | 99.7    |
| GE 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 908

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 96.7                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 10000              | 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 9000               | 98.6                        | 98.6    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 8000               | 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      | 98.7      | 98.7    |
| GE 7000               | 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      | 98.9      | 98.9    |
| GE 6000               | 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      | 99.2    |
| GE 5000               | 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      | 99.7      | 99.7    |
| GE 4500               | 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      | 99.7      | 99.7    |
| GE 4000               | 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      | 99.8    |
| GE 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 910

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 20000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 18000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 16000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 14000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 12000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 103.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 44

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 92.9                        | 92.9    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 18000              | 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 16000              | 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 14000              | 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      | 94.5    |
| GE 12000              | 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      | 96.3      | 96.3      | 96.3    |
| GE 10000              | 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      | 98.4      | 98.4    |
| GE 9000               | 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 8000               | 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      | 98.7      | 98.7    |
| GE 7000               | 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      | 98.9      | 98.9    |
| GE 6000               | 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      | 99.2    |
| GE 5000               | 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      | 99.8    |
| GE 4500               | 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      | 99.8    |
| GE 4000               | 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      | 99.9      | 99.9    |
| GE 3500               | 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      | 99.9      | 99.9    |
| GE 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 93.5                        | 93.5    | 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 20000              | 95.1                        | 95.1    | 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 18000              | 95.1                        | 95.1    | 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 16000              | 95.1                        | 95.1    | 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 14000              | 96.1                        | 96.1    | 96.4    | 96.4    | 96.4    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.4      | 96.4      | 96.4      | 96.4    |
| GE 12000              | 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      | 97.4      | 97.4    |
| GE 10000              | 97.7                        | 97.7    | 98.1    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 9000               | 98.1                        | 98.1    | 98.4    | 98.4    | 98.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 8000               | 98.7                        | 98.7    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 7000               | 98.7                        | 98.7    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 6000               | 98.7                        | 98.7    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 5000               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4500               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4000               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.7                        | 99.7    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 309



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 91.0                        | 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      | 91.5    |
| GE 20000              | 92.8                        | 92.9    | 93.1    | 93.3    | 93.3    | 93.3        | 93.3    | 93.3        | 93.3        | 93.3    | 93.3      | 93.3      | 93.3      | 93.3      | 93.3      | 93.3    |
| GE 18000              | 92.8                        | 92.9    | 93.1    | 93.3    | 93.3    | 93.3        | 93.3    | 93.3        | 93.3        | 93.3    | 93.3      | 93.3      | 93.3      | 93.3      | 93.3      | 93.3    |
| GE 16000              | 92.9                        | 93.0    | 93.2    | 93.4    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4      | 93.4      | 93.4    |
| GE 14000              | 94.7                        | 94.8    | 95.1    | 95.3    | 95.3    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3      | 95.3      | 95.3    |
| GE 12000              | 96.0                        | 96.1    | 96.3    | 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 10000              | 97.7                        | 97.8    | 98.1    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 9000               | 98.2                        | 98.3    | 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    |
| GE 8000               | 98.8                        | 98.9    | 99.1    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 7000               | 98.8                        | 98.9    | 99.1    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 6000               | 99.0                        | 99.1    | 99.4    | 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 5000               | 99.5                        | 99.6    | 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 4500               | 99.5                        | 99.6    | 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 4000               | 99.5                        | 99.6    | 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 3500               | 99.5                        | 99.6    | 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 3000               | 99.5                        | 99.6    | 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 2500               | 99.5                        | 99.6    | 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 2000               | 99.5                        | 99.6    | 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               | 99.5                        | 99.6    | 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               | 99.5                        | 99.6    | 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               | 99.5                        | 99.6    | 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               | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 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                | 99.5                        | 99.6    | 99.8    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 91.8      | 91.8    |
| GE 20000              | 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 18000              | 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 16000              | 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      | 94.0      | 94.0    |
| GE 14000              | 95.7                        | 95.7    | 95.7    | 95.7    | 95.7    | 95.7        | 95.7    | 95.7        | 95.7        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7      | 95.7      | 95.7    |
| GE 12000              | 96.7                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 10000              | 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      | 98.0      | 98.0    |
| GE 9000               | 98.3                        | 98.3    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 8000               | 99.0                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 7000               | 99.1                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1      | 99.1      | 99.1    |
| GE 6000               | 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      | 99.5      | 99.5    |
| GE 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.1                        | 89.1    | 89.1    | 89.1    | 89.1    | 89.1        | 89.1    | 89.1        | 89.1        | 89.1    | 89.1      | 89.1      | 89.1      | 89.1      | 89.1      | 89.1    |
| GE 20000              | 92.9                        | 92.9    | 92.9    | 92.9    | 92.9    | 92.9        | 92.9    | 92.9        | 92.9        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9      | 92.9      | 92.9    |
| GE 18000              | 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 16000              | 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 14000              | 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      | 94.5    |
| GE 12000              | 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 10000              | 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      | 97.7    |
| GE 9000               | 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      | 98.0      | 98.0    |
| GE 8000               | 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      | 98.9      | 98.9    |
| GE 7000               | 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      | 99.4    |
| GE 6000               | 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      | 99.7      | 99.7    |
| GE 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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      | 91.3      | 91.3    |
| GE 12000              | 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      | 93.9    |
| GE 10000              | 96.7                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 9000               | 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      | 97.0      | 97.0    |
| GE 8000               | 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      | 98.0      | 98.0    |
| GE 7000               | 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 6000               | 98.6                        | 98.6    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 5000               | 99.6                        | 99.7    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4500               | 99.6                        | 99.7    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 10.0    |
| GE 2000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.2                        | 89.2    | 89.2    | 89.2    | 89.2    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2      | 89.2      | 89.2    |
| GE 20000              | 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 18000              | 92.2                        | 92.2    | 92.2    | 92.2    | 92.2    | 92.2        | 92.2    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2      | 92.2      | 92.2    |
| GE 16000              | 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 14000              | 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 12000              | 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 10000              | 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      | 97.5      | 97.5    |
| GE 9000               | 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      | 97.7    |
| GE 8000               | 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      | 98.4      | 98.4    |
| GE 7000               | 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      | 98.4      | 98.4    |
| GE 6000               | 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      | 99.2    |
| GE 5000               | 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      | 99.8    |
| GE 4500               | 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      | 99.8    |
| GE 4000               | 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      | 99.8    |
| GE 3500               | 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      | 99.8    |
| GE 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 20000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 18000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 16000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 14000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 12000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 40

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: AUG HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.8                        | 89.8    | 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 20000              | 92.6                        | 92.6    | 92.6    | 92.7    | 92.7    | 92.7        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7      | 92.7      | 92.7    |
| GE 18000              | 92.7                        | 92.7    | 92.8    | 92.8    | 92.8    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 16000              | 92.8                        | 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    |
| GE 14000              | 94.2                        | 94.2    | 94.3    | 94.3    | 94.3    | 94.3        | 94.3    | 94.3        | 94.3        | 94.3    | 94.3      | 94.3      | 94.3      | 94.3      | 94.3      | 94.3    |
| GE 12000              | 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      | 95.8      | 95.8    |
| GE 10000              | 97.6                        | 97.6    | 97.6    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 9000               | 97.9                        | 97.9    | 97.9    | 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 8000               | 98.6                        | 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    |
| GE 7000               | 98.8                        | 98.8    | 98.8    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 6000               | 99.2                        | 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    |
| GE 5000               | 99.8                        | 99.8    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 4500               | 99.8                        | 99.8    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 4000               | 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     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 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     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4999

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 92.9                        | 92.9    | 93.2    | 93.2    | 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 20000              | 94.6                        | 94.6    | 94.9    | 94.9    | 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 18000              | 94.9                        | 94.9    | 95.3    | 95.3    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 16000              | 94.9                        | 94.9    | 95.3    | 95.3    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 14000              | 95.3                        | 95.3    | 95.6    | 95.6    | 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 12000              | 96.3                        | 96.6    | 96.9    | 96.9    | 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 10000              | 96.9                        | 97.3    | 97.6    | 97.6    | 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 9000               | 96.9                        | 97.3    | 97.6    | 97.6    | 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 8000               | 97.3                        | 97.6    | 98.0    | 98.0    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 7000               | 97.6                        | 98.0    | 98.3    | 98.3    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 6000               | 97.6                        | 98.0    | 98.3    | 98.3    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 5000               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4500               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 4000               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3500               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.3                        | 98.6    | 99.0    | 99.3    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 295



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 87.5                        | 87.9    | 88.2    | 88.3    | 88.4    | 88.6        | 88.6    | 88.7        | 88.7        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7      | 88.7      | 88.7    |
| GE 20000              | 91.4                        | 91.7    | 92.0    | 92.3    | 92.5    | 92.7        | 92.7    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 18000              | 91.6                        | 91.9    | 92.3    | 92.5    | 92.7    | 92.9        | 92.9    | 93.0        | 93.0        | 93.0    | 93.0      | 93.0      | 93.0      | 93.0      | 93.0      | 93.0    |
| GE 16000              | 91.7                        | 92.0    | 92.4    | 92.6    | 92.8    | 93.0        | 93.0    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2      | 93.2      | 93.2    |
| GE 14000              | 92.6                        | 92.9    | 93.3    | 93.5    | 93.7    | 93.9        | 93.9    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 12000              | 94.3                        | 94.6    | 94.9    | 95.2    | 95.4    | 95.6        | 95.6    | 95.7        | 95.7        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7      | 95.7      | 95.7    |
| GE 10000              | 96.1                        | 96.4    | 96.7    | 97.0    | 97.2    | 97.4        | 97.4    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 9000               | 96.1                        | 96.4    | 96.7    | 97.0    | 97.2    | 97.4        | 97.4    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 8000               | 96.6                        | 97.0    | 97.4    | 97.6    | 97.9    | 98.1        | 98.1    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2      | 98.2      | 98.2    |
| GE 7000               | 96.9                        | 97.2    | 97.6    | 97.9    | 98.1    | 98.3        | 98.3    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 6000               | 96.9                        | 97.2    | 97.6    | 97.9    | 98.1    | 98.3        | 98.3    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 5000               | 97.4                        | 97.9    | 98.3    | 98.8    | 99.3    | 99.6        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4500               | 97.4                        | 97.9    | 98.3    | 98.8    | 99.3    | 99.6        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 4000               | 97.6                        | 98.1    | 98.5    | 99.0    | 99.6    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3500               | 97.6                        | 98.1    | 98.5    | 99.0    | 99.6    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3000               | 97.6                        | 98.1    | 98.5    | 99.0    | 99.6    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 2500               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.8                        | 98.2    | 98.7    | 99.1    | 99.7    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 88.1                        | 88.2    | 88.6    | 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 20000              | 90.7                        | 90.8    | 91.2    | 91.3    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 18000              | 91.5                        | 91.6    | 92.0    | 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 16000              | 91.6                        | 91.8    | 92.1    | 92.2    | 92.2    | 92.2        | 92.2    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2      | 92.2      | 92.2    |
| GE 14000              | 93.0                        | 93.1    | 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 12000              | 95.3                        | 95.4    | 95.7    | 95.8    | 95.8    | 95.8        | 95.8    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.8    |
| GE 10000              | 96.2                        | 96.3    | 96.6    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 9000               | 96.5                        | 96.6    | 96.9    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 8000               | 97.5                        | 97.6    | 98.0    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 7000               | 97.6                        | 97.7    | 98.2    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 6000               | 97.7                        | 97.9    | 98.3    | 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 5000               | 98.3                        | 98.4    | 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    |
| GE 4500               | 98.3                        | 98.4    | 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    |
| GE 4000               | 99.0                        | 99.1    | 99.7    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3500               | 99.1                        | 99.2    | 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 3000               | 99.1                        | 99.2    | 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 2500               | 99.1                        | 99.2    | 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 2000               | 99.1                        | 99.2    | 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               | 99.1                        | 99.2    | 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               | 99.1                        | 99.2    | 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               | 99.1                        | 99.2    | 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               | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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                | 99.1                        | 99.2    | 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 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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      | 91.2      | 91.2    |
| GE 16000              | 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      | 91.6    |
| GE 14000              | 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      | 92.3    |
| GE 12000              | 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 10000              | 96.0                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 9000               | 96.0                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 8000               | 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      | 97.5      | 97.5    |
| GE 7000               | 97.6                        | 97.6    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 6000               | 98.1                        | 98.1    | 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 5000               | 98.3                        | 98.3    | 98.4    | 98.4    | 98.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 4500               | 98.4                        | 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    |
| GE 4000               | 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      | 99.7      | 99.7    |
| GE 3500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 84.6      | 84.6    |
| 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              | 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      | 89.4      | 89.4    |
| GE 16000              | 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      | 89.7      | 89.7      | 89.7    |
| GE 14000              | 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 12000              | 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 10000              | 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 9000               | 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 8000               | 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      | 97.5      | 97.5    |
| GE 7000               | 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 6000               | 98.0                        | 98.0    | 98.1    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 5000               | 99.1                        | 99.1    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 4500               | 99.1                        | 99.1    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 4000               | 99.8                        | 99.8    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.9                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.2                        | 89.2    | 89.3    | 89.4    | 89.4    | 89.4        | 89.4    | 89.4        | 89.4        | 89.4    | 89.4      | 89.4      | 89.4      | 89.4      | 89.4      | 89.4    |
| GE 20000              | 91.4                        | 91.4    | 91.6    | 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 18000              | 91.6                        | 91.6    | 91.7    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 16000              | 91.6                        | 91.6    | 91.7    | 91.9    | 91.9    | 91.9        | 91.9    | 91.9        | 91.9        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9      | 91.9      | 91.9    |
| GE 14000              | 91.9                        | 91.9    | 92.0    | 92.2    | 92.2    | 92.2        | 92.2    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2      | 92.2      | 92.2    |
| GE 12000              | 94.3                        | 94.3    | 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    |
| GE 10000              | 97.2                        | 97.2    | 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    |
| GE 9000               | 97.4                        | 97.4    | 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    |
| GE 8000               | 98.3                        | 98.3    | 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      | 98.6    |
| GE 7000               | 98.4                        | 98.4    | 98.5    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8      | 98.8      | 98.8    |
| GE 6000               | 98.4                        | 98.4    | 98.5    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8      | 98.8      | 98.8    |
| GE 5000               | 99.0                        | 99.0    | 99.1    | 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 4500               | 99.0                        | 99.0    | 99.1    | 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 4000               | 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     | 100.0   |
| GE 3500               | 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     | 100.0   |
| GE 3000               | 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     | 100.0   |
| GE 2500               | 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     | 100.0   |
| GE 2000               | 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     | 100.0   |
| GE 1800               | 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     | 100.0   |
| GE 1500               | 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     | 100.0   |
| GE 1200               | 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     | 100.0   |
| GE 1000               | 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     | 100.0   |
| GE 900                | 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     | 100.0   |
| GE 800                | 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     | 100.0   |
| GE 700                | 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     | 100.0   |
| GE 600                | 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     | 100.0   |
| GE 500                | 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     | 100.0   |
| GE 400                | 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     | 100.0   |
| GE 300                | 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     | 100.0   |
| GE 200                | 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     | 100.0   |
| GE 100                | 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     | 100.0   |
| GE 000                | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH SEP HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 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      | 97.4      | 97.4      | 97.4    |
| GE 10000              | 100.0                       | 100.0   | 100.0   | 100.0   | 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 9000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 8000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 7000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 6000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 5000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 4000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 3000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2500               | 100.0                       | 100.0   | 100.0   | 100.0   | 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 2000               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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               | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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                | 100.0                       | 100.0   | 100.0   | 100.0   | 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 38

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 87.6                        | 87.7    | 87.9    | 87.9    | 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 20000              | 90.8                        | 90.8    | 91.0    | 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    |
| GE 18000              | 91.3                        | 91.4    | 91.6    | 91.7    | 91.7    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8      | 91.8      | 91.8    |
| GE 16000              | 91.5                        | 91.6    | 91.7    | 91.9    | 91.9    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 14000              | 92.2                        | 92.3    | 92.5    | 92.6    | 92.7    | 92.7        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7      | 92.7      | 92.7    |
| GE 12000              | 94.5                        | 94.6    | 94.8    | 94.9    | 95.0    | 95.0        | 95.0    | 95.0        | 95.0        | 95.0    | 95.0      | 95.0      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 10000              | 96.4                        | 96.5    | 96.7    | 96.8    | 96.8    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9      | 96.9      | 96.9    |
| GE 9000               | 96.5                        | 96.6    | 96.8    | 96.9    | 96.9    | 97.0        | 97.0    | 97.0        | 97.0        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0      | 97.0      | 97.0    |
| GE 8000               | 97.5                        | 97.6    | 97.8    | 97.9    | 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 7000               | 97.7                        | 97.8    | 98.0    | 98.1    | 98.2    | 98.2        | 98.2    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 6000               | 97.8                        | 97.9    | 98.2    | 98.3    | 98.3    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 5000               | 98.4                        | 98.6    | 98.8    | 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 4500               | 98.4                        | 98.6    | 98.8    | 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 4000               | 99.1                        | 99.2    | 99.5    | 99.7    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 3500               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 3000               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.2                        | 99.3    | 99.6    | 99.8    | 99.9    | 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 4763

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 03-05

| 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  | 92.8                        | 92.8 | 92.8 | 92.8 | 92.8 | 92.3     | 92.8 | 92.8     | 92.8     | 93.1  | 93.1   | 93.1   | 93.1   | 93.1   | 93.1   | 93.1  |
| GE 20000 | 94.9                        | 94.9 | 94.9 | 94.9 | 94.9 | 94.9     | 94.9 | 94.9     | 94.9     | 95.3  | 95.3   | 95.3   | 95.3   | 95.3   | 95.3   | 95.3  |
| GE 18000 | 95.3                        | 95.3 | 95.3 | 95.3 | 95.3 | 95.3     | 95.3 | 95.3     | 95.3     | 95.7  | 95.7   | 95.7   | 95.7   | 95.7   | 95.7   | 95.7  |
| GE 16000 | 95.3                        | 95.3 | 95.3 | 95.3 | 95.3 | 95.3     | 95.3 | 95.3     | 95.3     | 95.7  | 95.7   | 95.7   | 95.7   | 95.7   | 95.7   | 95.7  |
| GE 14000 | 95.7                        | 95.7 | 95.7 | 95.7 | 95.7 | 95.7     | 95.7 | 95.7     | 95.7     | 96.0  | 96.0   | 96.0   | 96.0   | 96.0   | 96.0   | 96.0  |
| GE 12000 | 97.1                        | 97.1 | 97.1 | 97.1 | 97.1 | 97.1     | 97.1 | 97.1     | 97.1     | 97.5  | 97.5   | 97.5   | 97.5   | 97.5   | 97.5   | 97.5  |
| GE 10000 | 97.5                        | 97.5 | 97.5 | 97.5 | 97.5 | 97.5     | 97.5 | 97.5     | 97.5     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8   | 97.8   | 97.8  |
| GE 9000  | 97.5                        | 97.5 | 97.5 | 97.5 | 97.5 | 97.5     | 97.5 | 97.5     | 97.5     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8   | 97.8   | 97.8  |
| GE 8000  | 97.5                        | 97.5 | 97.5 | 97.5 | 97.5 | 97.5     | 97.5 | 97.5     | 97.5     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8   | 97.8   | 97.8  |
| GE 7000  | 97.5                        | 97.5 | 97.5 | 97.5 | 97.5 | 97.5     | 97.5 | 97.5     | 97.5     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8   | 97.8   | 97.8  |
| GE 6000  | 98.2                        | 98.2 | 98.2 | 98.2 | 98.2 | 98.2     | 98.2 | 98.2     | 98.2     | 98.6  | 98.6   | 98.6   | 98.6   | 98.6   | 98.6   | 98.6  |
| GE 5000  | 98.6                        | 98.6 | 98.6 | 98.6 | 98.6 | 98.6     | 98.6 | 98.6     | 98.6     | 98.9  | 98.9   | 98.9   | 98.9   | 98.9   | 98.9   | 98.9  |
| GE 4500  | 98.9                        | 98.9 | 98.9 | 98.9 | 98.9 | 98.9     | 98.9 | 98.9     | 98.9     | 99.3  | 99.3   | 99.3   | 99.3   | 99.3   | 99.3   | 99.3  |
| GE 4000  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 3500  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 3000  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 2500  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 2000  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1800  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1500  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1200  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 1000  | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 900   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 800   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 700   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 600   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 500   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 400   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 300   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 200   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 100   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 99.6     | 99.6 | 99.6     | 99.6     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |
| GE 000   | 99.6                        | 99.6 | 99.6 | 99.6 | 99.6 | 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 276



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 84.5                        | 84.9    | 86.2    | 86.8    | 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 20000              | 88.2                        | 88.6    | 89.9    | 90.4    | 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 18000              | 88.3                        | 88.7    | 90.0    | 90.5    | 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 16000              | 88.3                        | 88.7    | 90.0    | 90.5    | 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 14000              | 89.4                        | 89.8    | 91.1    | 91.6    | 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 12000              | 92.0                        | 92.5    | 93.8    | 94.3    | 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 10000              | 93.3                        | 93.8    | 95.1    | 95.6    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 9000               | 93.3                        | 93.8    | 95.1    | 95.6    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 8000               | 94.0                        | 94.5    | 95.8    | 96.3    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 7000               | 94.0                        | 94.7    | 96.0    | 96.6    | 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 6000               | 94.3                        | 95.1    | 96.3    | 96.9    | 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 5000               | 94.7                        | 95.5    | 96.8    | 97.3    | 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 4500               | 94.9                        | 95.7    | 97.0    | 97.5    | 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 4000               | 95.8                        | 96.6    | 97.8    | 98.4    | 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 3500               | 95.8                        | 96.6    | 97.8    | 98.4    | 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 3000               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 96.1                        | 96.9    | 98.2    | 98.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 85.2                        | 85.8    | 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 20000              | 90.8                        | 91.6    | 92.2    | 92.2    | 92.2    | 92.2        | 92.2    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2      | 92.2      | 92.2    |
| GE 18000              | 91.2                        | 92.0    | 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 16000              | 91.3                        | 92.2    | 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 14000              | 92.5                        | 93.3    | 93.9    | 93.9    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9      | 93.9      | 93.9    |
| GE 12000              | 94.0                        | 94.8    | 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 10000              | 95.5                        | 96.3    | 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 9000               | 95.5                        | 96.3    | 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 8000               | 95.9                        | 96.8    | 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 7000               | 95.9                        | 96.8    | 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 6000               | 96.9                        | 97.7    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 5000               | 97.3                        | 98.2    | 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 4500               | 97.3                        | 98.2    | 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 4000               | 97.7                        | 98.6    | 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 3500               | 97.7                        | 98.6    | 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 3000               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.4                        | 99.4    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 83.9                        | 84.0    | 84.1    | 84.1    | 84.1    | 84.1        | 84.1    | 84.1        | 84.1        | 84.1    | 84.1      | 84.1      | 84.1      | 84.1      | 84.1      | 84.1    |
| GE 20000              | 91.7                        | 91.8    | 92.0    | 92.0    | 92.0    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 18000              | 92.3                        | 92.4    | 92.6    | 92.6    | 92.6    | 92.6        | 92.6    | 92.6        | 92.6        | 92.6    | 92.6      | 92.6      | 92.6      | 92.6      | 92.6      | 92.6    |
| GE 16000              | 92.5                        | 92.6    | 92.8    | 92.8    | 92.8    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 14000              | 93.5                        | 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      | 93.9    |
| GE 12000              | 94.1                        | 94.2    | 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 10000              | 95.6                        | 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 9000               | 95.6                        | 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 8000               | 96.1                        | 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 7000               | 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      | 96.7      | 96.7    |
| GE 6000               | 97.3                        | 97.4    | 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 5000               | 98.3                        | 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      | 98.6      | 98.6    |
| GE 4500               | 98.3                        | 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      | 98.6      | 98.6    |
| GE 4000               | 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 3500               | 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 3000               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.4                        | 99.5    | 99.7    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT 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  | 84.1                        | 84.1 | 84.1 | 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 20000 | 91.8                        | 91.8 | 91.8 | 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 18000 | 92.4                        | 92.4 | 92.4 | 92.8 | 92.8  | 92.8     | 92.8  | 92.8     | 92.8     | 92.8  | 92.8   | 92.8   | 92.8   | 92.8   | 92.8   | 92.8  |
| GE 16000 | 92.7                        | 92.7 | 92.7 | 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 14000 | 94.6                        | 94.6 | 94.6 | 95.1 | 95.1  | 95.1     | 95.1  | 95.1     | 95.1     | 95.1  | 95.1   | 95.1   | 95.1   | 95.1   | 95.1   | 95.1  |
| GE 12000 | 95.1                        | 95.1 | 95.1 | 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 10000 | 97.0                        | 97.0 | 97.0 | 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 9000  | 97.1                        | 97.1 | 97.1 | 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 8000  | 97.2                        | 97.2 | 97.2 | 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 7000  | 97.4                        | 97.4 | 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  |
| GE 6000  | 98.1                        | 98.1 | 98.1 | 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 5000  | 98.6                        | 98.6 | 98.6 | 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 4500  | 98.7                        | 98.7 | 98.7 | 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 4000  | 99.0                        | 99.0 | 99.0 | 99.5 | 99.5  | 99.5     | 99.5  | 99.5     | 99.5     | 99.5  | 99.5   | 99.5   | 99.5   | 99.5   | 99.5   | 99.5  |
| GE 3500  | 99.0                        | 99.0 | 99.0 | 99.5 | 99.5  | 99.5     | 99.5  | 99.5     | 99.5     | 99.5  | 99.5   | 99.5   | 99.5   | 99.5   | 99.5   | 99.5  |
| GE 3000  | 99.1                        | 99.1 | 99.1 | 99.6 | 99.8  | 99.8     | 99.8  | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8   | 99.8   | 99.8  |
| GE 2500  | 99.1                        | 99.1 | 99.1 | 99.6 | 99.8  | 99.8     | 99.8  | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8   | 99.8   | 99.8  |
| GE 2000  | 99.1                        | 99.1 | 99.1 | 99.6 | 99.8  | 99.8     | 99.8  | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8   | 99.8   | 99.8  |
| GE 1800  | 99.1                        | 99.1 | 99.1 | 99.6 | 99.8  | 99.8     | 99.8  | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8   | 99.8   | 99.8  |
| GE 1500  | 99.2                        | 99.2 | 99.2 | 99.7 | 99.9  | 99.9     | 99.9  | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9   | 99.9   | 99.9  |
| GE 1200  | 99.2                        | 99.2 | 99.2 | 99.7 | 99.9  | 99.9     | 99.9  | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9   | 99.9   | 99.9  |
| GE 1000  | 99.4                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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                        | 99.4 | 99.4 | 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 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 87.3    |
| GE 20000              | 93.1                        | 93.1    | 93.2    | 93.2    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2      | 93.2      | 93.2    |
| GE 18000              | 93.8                        | 93.8    | 93.9    | 93.9    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9      | 93.9      | 93.9    |
| GE 16000              | 93.8                        | 93.8    | 93.9    | 93.9    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9      | 93.9      | 93.9    |
| GE 14000              | 95.0                        | 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    |
| GE 12000              | 96.2                        | 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      | 96.4      | 96.4    |
| GE 10000              | 98.1                        | 98.2    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 9000               | 98.1                        | 98.2    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 8000               | 98.5                        | 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 7000               | 98.5                        | 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 6000               | 98.7                        | 98.8    | 98.9    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 5000               | 98.8                        | 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 4500               | 98.8                        | 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 4000               | 99.1                        | 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    |
| GE 3500               | 99.1                        | 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    |
| GE 3000               | 99.1                        | 99.2    | 99.4    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 2500               | 99.1                        | 99.2    | 99.4    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 2000               | 99.1                        | 99.2    | 99.4    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1800               | 99.1                        | 99.2    | 99.4    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1500               | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.5                        | 99.6    | 99.7    | 99.7    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 85.7      | 85.7    |
| GE 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 94.8                        | 94.8    | 94.8    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 10000              | 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      | 97.4      | 97.4      | 97.4    |
| GE 9000               | 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      | 97.4      | 97.4      | 97.4    |
| GE 8000               | 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      | 98.7      | 98.7    |
| GE 7000               | 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      | 98.7      | 98.7    |
| GE 6000               | 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      | 98.7      | 98.7    |
| GE 5000               | 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      | 98.7      | 98.7    |
| GE 4500               | 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      | 98.7      | 98.7    |
| GE 4000               | 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      | 98.7      | 98.7    |
| GE 3500               | 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      | 98.7      | 98.7    |
| GE 3000               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2500               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 2000               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 77

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: OCT HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 85.4                        | 85.6    | 86.0    | 86.1    | 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 20000              | 91.3                        | 91.6    | 92.0    | 92.2    | 92.3    | 92.3        | 92.3    | 92.3        | 92.3        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4      | 92.4      | 92.4    |
| GE 18000              | 91.8                        | 92.0    | 92.4    | 92.6    | 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 16000              | 91.9                        | 92.1    | 92.5    | 92.7    | 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 14000              | 93.2                        | 93.4    | 93.8    | 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    |
| GE 12000              | 94.4                        | 94.7    | 95.1    | 95.3    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.5    | 95.5      | 95.5      | 95.5      | 95.5      | 95.5      | 95.5    |
| GE 10000              | 96.0                        | 96.3    | 96.7    | 96.9    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 9000               | 96.0                        | 96.3    | 96.7    | 96.9    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 8000               | 96.4                        | 96.7    | 97.1    | 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    |
| GE 7000               | 96.5                        | 96.9    | 97.3    | 97.4    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 6000               | 97.1                        | 97.5    | 97.9    | 98.1    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 5000               | 97.6                        | 98.0    | 98.4    | 98.5    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8      | 98.8      | 98.8    |
| GE 4500               | 97.7                        | 98.0    | 98.4    | 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 4000               | 98.2                        | 98.6    | 99.0    | 99.1    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 3500               | 98.2                        | 98.6    | 99.0    | 99.1    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 3000               | 98.5                        | 98.9    | 99.3    | 99.5    | 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 2500               | 98.5                        | 98.9    | 99.3    | 99.5    | 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 2000               | 98.5                        | 98.9    | 99.3    | 99.5    | 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 1800               | 98.5                        | 98.9    | 99.3    | 99.5    | 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 1500               | 98.6                        | 99.0    | 99.4    | 99.6    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.6                        | 99.0    | 99.4    | 99.6    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.6                        | 99.0    | 99.4    | 99.6    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 5002

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 85.9      | 85.9    |
| GE 20000              | 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      | 92.2      | 92.2    |
| 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      | 92.2      | 92.2    |
| 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      | 92.2      | 92.2    |
| 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      | 92.2      | 92.2    |
| GE 12000              | 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      | 95.3      | 95.3    |
| GE 10000              | 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      | 98.4      | 98.4    |
| GE 9000               | 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      | 98.4      | 98.4    |
| GE 8000               | 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      | 98.4      | 98.4    |
| GE 7000               | 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      | 98.4      | 98.4    |
| GE 6000               | 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      | 100.0     | 100.0   |
| GE 5000               | 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      | 100.0     | 100.0   |
| GE 4500               | 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      | 100.0     | 100.0   |
| GE 4000               | 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      | 100.0     | 100.0   |
| GE 3500               | 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      | 100.0     | 100.0   |
| GE 3000               | 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      | 100.0     | 100.0   |
| GE 2500               | 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      | 100.0     | 100.0   |
| GE 2000               | 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      | 100.0     | 100.0   |
| GE 1800               | 98.4                        | 98.4    | 98.4    | 98.4    | 93.4    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 100.0     | 100.0   |
| GE 1500               | 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      | 100.0     | 100.0   |
| GE 1200               | 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      | 100.0     | 100.0   |
| GE 1000               | 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      | 100.0     | 100.0   |
| GE 900                | 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      | 100.0     | 100.0   |
| GE 800                | 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      | 100.0     | 100.0   |
| GE 700                | 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      | 100.0     | 100.0   |
| GE 600                | 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      | 100.0     | 100.0   |
| GE 500                | 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      | 100.0     | 100.0   |
| GE 400                | 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      | 100.0     | 100.0   |
| GE 300                | 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      | 100.0     | 100.0   |
| GE 200                | 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      | 100.0     | 100.0   |
| GE 100                | 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      | 100.0     | 100.0   |
| GE 000                | 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      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 64



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 79.8                        | 80.3    | 80.9    | 81.6    | 81.8    | 81.8        | 81.8    | 81.8        | 81.8        | 81.8    | 81.8      | 81.8      | 82.0      | 82.0      | 82.0      | 82.2    |
| GE 20000              | 85.1                        | 85.6    | 86.2    | 86.9    | 87.4    | 87.4        | 87.4    | 87.4        | 87.4        | 87.4    | 87.4      | 87.4      | 87.5      | 87.5      | 87.5      | 87.7    |
| GE 18000              | 86.0                        | 86.6    | 87.1    | 87.8    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 88.3      | 88.3      | 88.4      | 88.4      | 88.4      | 88.6    |
| GE 16000              | 86.0                        | 86.6    | 87.1    | 87.8    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 88.3      | 88.3      | 88.4      | 88.4      | 88.4      | 88.6    |
| GE 14000              | 87.7                        | 88.3    | 88.9    | 89.5    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.1      | 90.1      | 90.1      | 90.3    |
| GE 12000              | 88.7                        | 89.3    | 89.9    | 90.7    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.4      | 91.4      | 91.4      | 91.6    |
| GE 10000              | 92.0                        | 92.5    | 93.1    | 93.9    | 94.5    | 94.5        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.6      | 94.6      | 94.6      | 94.8    |
| GE 9000               | 92.0                        | 92.5    | 93.1    | 93.9    | 94.5    | 94.5        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.6      | 94.6      | 94.6      | 94.8    |
| GE 8000               | 93.1                        | 93.7    | 94.3    | 95.1    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.7      | 95.7      | 95.7      | 96.0    |
| GE 7000               | 93.2                        | 93.8    | 94.4    | 95.2    | 95.7    | 95.7        | 95.7    | 95.7        | 95.7        | 95.7    | 95.7      | 95.7      | 95.9      | 95.9      | 95.9      | 96.1    |
| GE 6000               | 93.9                        | 94.5    | 95.1    | 95.9    | 96.4    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.6      | 96.6      | 96.6      | 96.8    |
| GE 5000               | 94.1                        | 94.7    | 95.3    | 96.1    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.8      | 96.8      | 96.8      | 97.0    |
| GE 4500               | 94.3                        | 94.8    | 95.4    | 96.2    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.9      | 96.9      | 96.9      | 97.1    |
| GE 4000               | 94.9                        | 95.5    | 96.1    | 96.9    | 97.5    | 97.5        | 97.5    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.6      | 97.6      | 97.6      | 97.8    |
| GE 3500               | 95.2                        | 95.7    | 96.3    | 97.1    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.8      | 97.8      | 97.8      | 98.0    |
| GE 3000               | 96.0                        | 96.7    | 97.2    | 98.0    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.7      | 98.7      | 98.7      | 99.0    |
| GE 2500               | 96.0                        | 96.7    | 97.6    | 98.5    | 99.1    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.2      | 99.2      | 99.2      | 99.4    |
| GE 2000               | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.7      | 99.7      | 99.7      | 99.9    |
| GE 1800               | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.7      | 99.7      | 99.7      | 99.9    |
| GE 1500               | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.7      | 99.7      | 99.7      | 99.9    |
| GE 1200               | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.7      | 99.7      | 99.7      | 99.9    |
| GE 1000               | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 900                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 800                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 700                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 600                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 500                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 400                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 300                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 200                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 100                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |
| GE 000                | 96.2                        | 97.0    | 97.9    | 99.0    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.7      | 99.7      | 99.8      | 99.8      | 99.8      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 78.2                        | 78.4    | 78.6    | 78.9    | 79.1    | 79.1        | 79.1    | 79.1        | 79.1        | 79.1    | 79.1      | 79.1      | 79.1      | 79.1      | 79.1      | 79.1    |
| GE 20000              | 85.5                        | 86.0    | 86.3    | 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 18000              | 86.0                        | 86.4    | 86.8    | 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    |
| GE 16000              | 86.2                        | 86.7    | 87.0    | 87.2    | 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              | 88.6                        | 89.1    | 89.7    | 89.9    | 90.1    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1      | 90.1      | 90.1    |
| GE 12000              | 89.8                        | 90.2    | 90.8    | 91.0    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.3    |
| GE 10000              | 92.9                        | 93.3    | 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 9000               | 93.2                        | 93.7    | 94.3    | 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    |
| GE 8000               | 94.6                        | 95.1    | 95.6    | 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    |
| GE 7000               | 94.7                        | 95.2    | 95.7    | 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 6000               | 95.3                        | 95.7    | 96.3    | 96.6    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8      | 96.8      | 96.8    |
| GE 5000               | 95.5                        | 96.0    | 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    |
| GE 4500               | 95.5                        | 96.0    | 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    |
| GE 4000               | 96.1                        | 96.6    | 97.1    | 97.4    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 3500               | 96.4                        | 96.9    | 97.5    | 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    |
| GE 3000               | 96.9                        | 97.4    | 98.0    | 98.3    | 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 2500               | 97.0                        | 97.5    | 98.3    | 98.6    | 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 2000               | 97.5                        | 97.9    | 98.7    | 99.1    | 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 1800               | 97.5                        | 97.9    | 98.7    | 99.1    | 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               | 97.8                        | 98.3    | 99.1    | 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    |
| GE 1200               | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1000               | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.0                        | 98.5    | 99.3    | 99.7    | 99.9    | 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 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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      | 86.9    |
| GE 18000              | 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 16000              | 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      | 87.5    |
| GE 14000              | 89.1                        | 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      | 89.2    |
| GE 12000              | 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      | 91.0      | 91.0    |
| GE 10000              | 93.8                        | 93.8    | 93.9    | 93.9    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9      | 93.9      | 93.9    |
| GE 9000               | 94.3                        | 94.3    | 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 8000               | 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      | 96.6    |
| GE 7000               | 96.4                        | 96.6    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 6000               | 96.7                        | 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    |
| GE 5000               | 97.1                        | 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      | 97.5    |
| GE 4500               | 97.1                        | 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      | 97.5    |
| GE 4000               | 97.9                        | 98.2    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 3500               | 97.9                        | 98.2    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 3000               | 98.5                        | 98.7    | 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    |
| GE 2500               | 98.6                        | 98.9    | 99.0    | 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 2000               | 99.2                        | 99.4    | 99.5    | 99.5    | 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 1800               | 99.2                        | 99.4    | 99.5    | 99.5    | 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 1500               | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.2                        | 99.4    | 99.5    | 99.5    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 77.2      | 77.2    |
| GE 20000              | 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      | 86.6      | 86.6    |
| GE 18000              | 86.9                        | 87.1    | 87.1    | 87.1    | 87.1    | 87.1        | 87.1    | 87.1        | 87.1        | 87.1    | 87.1      | 87.1      | 87.1      | 87.1      | 87.1      | 87.1    |
| GE 16000              | 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      | 87.2    |
| GE 14000              | 89.4                        | 89.7    | 89.7    | 89.7    | 89.7    | 89.7        | 89.7    | 89.7        | 89.7        | 89.7    | 89.7      | 89.7      | 89.7      | 89.7      | 89.7      | 89.7    |
| GE 12000              | 90.3                        | 90.6    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 10000              | 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      | 92.8      | 92.8    |
| GE 9000               | 93.0                        | 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 8000               | 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      | 95.5    |
| GE 7000               | 96.0                        | 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      | 96.3      | 96.3    |
| GE 6000               | 96.3                        | 96.7    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 5000               | 96.8                        | 97.1    | 97.1    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 4500               | 96.8                        | 97.1    | 97.1    | 97.1    | 97.1    | 97.1        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1      | 97.1      | 97.1    |
| GE 4000               | 97.0                        | 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      | 97.4      | 97.4    |
| GE 3500               | 97.2                        | 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 3000               | 98.4                        | 98.7    | 98.7    | 98.7    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 2500               | 99.0                        | 99.3    | 99.3    | 99.3    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 2000               | 99.3                        | 99.7    | 99.7    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 1800               | 99.3                        | 99.7    | 99.7    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 1500               | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 99.5                        | 99.9    | 99.9    | 99.9    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 81.3                        | 81.8    | 82.0    | 82.0    | 82.0    | 82.0        | 82.0    | 82.0        | 82.0        | 82.0    | 82.0      | 82.0      | 82.0      | 82.0      | 82.0      | 82.0    |
| GE 20000              | 86.8                        | 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      | 87.7    |
| GE 18000              | 87.0                        | 87.8    | 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 16000              | 87.1                        | 87.9    | 88.0    | 88.0    | 88.0    | 88.0        | 88.0    | 88.0        | 88.0        | 88.0    | 88.0      | 88.0      | 88.0      | 88.0      | 88.0      | 88.0    |
| GE 14000              | 89.5                        | 90.5    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 12000              | 90.7                        | 91.6    | 91.7    | 91.7    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 91.7      | 91.7      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 10000              | 93.2                        | 94.1    | 94.3    | 94.3    | 94.3    | 94.3        | 94.3    | 94.3        | 94.3        | 94.3    | 94.3      | 94.3      | 94.3      | 94.3      | 94.3      | 94.3    |
| GE 9000               | 93.4                        | 94.4    | 94.8    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 8000               | 94.6                        | 95.5    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 7000               | 95.3                        | 96.2    | 96.7    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 6000               | 95.5                        | 96.4    | 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 5000               | 96.3                        | 97.2    | 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 4500               | 96.3                        | 97.2    | 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 4000               | 96.9                        | 97.8    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3      | 98.3      | 98.3    |
| GE 3500               | 97.2                        | 98.2    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 3000               | 98.0                        | 99.0    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 2500               | 98.3                        | 99.2    | 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               | 98.6                        | 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 1800               | 98.6                        | 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 1500               | 98.6                        | 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 1200               | 98.6                        | 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 1000               | 98.6                        | 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 900                | 98.6                        | 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 800                | 98.6                        | 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 700                | 98.6                        | 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 600                | 98.6                        | 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                | 98.6                        | 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                | 98.6                        | 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                | 98.6                        | 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                | 98.6                        | 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                | 98.6                        | 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                | 98.6                        | 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 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 83.3                        | 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      | 84.0    |
| GE 20000              | 88.5                        | 89.2    | 89.2    | 89.2    | 89.2    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2      | 89.2      | 89.2    |
| GE 18000              | 88.5                        | 89.2    | 89.2    | 89.2    | 89.2    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2      | 89.2      | 89.2    |
| GE 16000              | 88.5                        | 89.2    | 89.2    | 89.2    | 89.2    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2      | 89.2      | 89.2    |
| GE 14000              | 91.0                        | 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 12000              | 91.7                        | 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      | 92.7      | 92.7    |
| GE 10000              | 93.4                        | 94.4    | 94.4    | 94.4    | 94.4    | 94.4        | 94.4    | 94.4        | 94.4        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8      | 94.8      | 94.8    |
| GE 9000               | 93.4                        | 94.4    | 94.8    | 94.8    | 94.8    | 94.8        | 94.8    | 94.8        | 94.8        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1      | 95.1      | 95.1    |
| GE 8000               | 94.1                        | 95.1    | 95.5    | 95.5    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8      | 95.8      | 95.8    |
| GE 7000               | 94.8                        | 95.8    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.5    | 96.5      | 96.5      | 96.5      | 96.5      | 96.5      | 96.5    |
| GE 6000               | 95.5                        | 96.5    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2      | 97.2      | 97.2    |
| GE 5000               | 95.8                        | 96.9    | 97.2    | 97.2    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 4500               | 95.8                        | 96.9    | 97.2    | 97.2    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6      | 97.6      | 97.6    |
| GE 4000               | 96.9                        | 97.9    | 98.3    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 3500               | 97.2                        | 98.3    | 98.6    | 98.6    | 98.6    | 98.6        | 98.6    | 98.6        | 98.6        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 3000               | 97.9                        | 99.0    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 2500               | 97.9                        | 99.0    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 2000               | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1800               | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1500               | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1200               | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 1000               | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 900                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 800                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 700                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 600                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 500                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 400                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 300                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 98.3                        | 99.3    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 288

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 79.1                        | 79.5    | 9.6     | 79.8    | 79.9    | 79.9        | 79.9    | 79.9        | 79.9        | 79.9    | 79.9      | 79.9      | 79.9      | 79.9      | 79.9      | 80.0    |
| GE 20000              | 86.3                        | 86.8    | 86.9    | 87.1    | 87.2    | 87.2        | 87.2    | 87.2        | 87.2        | 87.2    | 87.2      | 87.2      | 87.2      | 87.3      | 87.3      | 87.3    |
| GE 18000              | 86.8                        | 87.2    | 87.4    | 87.6    | 87.7    | 87.7        | 87.7    | 87.7        | 87.7        | 87.7    | 87.7      | 87.7      | 87.7      | 87.7      | 87.8      | 87.8    |
| GE 16000              | 86.9                        | 87.3    | 87.5    | 87.7    | 87.8    | 87.8        | 87.8    | 87.8        | 87.8        | 87.8    | 87.8      | 87.8      | 87.8      | 87.9      | 87.9      | 87.9    |
| GE 14000              | 89.0                        | 89.5    | 89.7    | 89.9    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.1      | 90.1      | 90.1      | 90.1    |
| GE 12000              | 90.2                        | 90.7    | 91.0    | 91.2    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3      | 91.3      | 91.4    |
| GE 10000              | 93.0                        | 93.4    | 93.7    | 93.9    | 94.0    | 94.0        | 94.0    | 94.0        | 94.0        | 94.0    | 94.0      | 94.0      | 94.1      | 94.1      | 94.1      | 94.1    |
| GE 9000               | 93.2                        | 93.7    | 94.1    | 94.3    | 94.4    | 94.4        | 94.4    | 94.4        | 94.4        | 94.4    | 94.4      | 94.4      | 94.4      | 94.4      | 94.5      | 94.5    |
| GE 8000               | 94.7                        | 95.3    | 95.6    | 95.8    | 95.9    | 95.9        | 95.9    | 95.9        | 95.9        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0      | 96.0      | 96.0    |
| GE 7000               | 95.1                        | 95.6    | 96.0    | 96.2    | 96.3    | 96.3        | 96.3    | 96.3        | 96.3        | 96.3    | 96.3      | 96.3      | 96.4      | 96.4      | 96.4      | 96.4    |
| GE 6000               | 95.6                        | 96.1    | 96.4    | 96.6    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8      | 96.8      | 96.9    |
| GE 5000               | 96.0                        | 96.5    | 96.9    | 97.1    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.3      | 97.3      | 97.3    |
| GE 4500               | 96.0                        | 96.6    | 96.9    | 97.1    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3      | 97.3      | 97.3    |
| GE 4000               | 96.6                        | 97.2    | 97.5    | 97.7    | 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 3500               | 96.9                        | 97.4    | 97.7    | 97.9    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.2    |
| GE 3000               | 97.6                        | 98.1    | 98.5    | 98.7    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0      | 99.0      | 99.0    |
| GE 2500               | 97.8                        | 98.3    | 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      | 99.4    |
| GE 2000               | 98.2                        | 98.7    | 99.2    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 1800               | 98.2                        | 98.7    | 99.2    | 99.4    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 1500               | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 1200               | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 1000               | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 900                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 800                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 700                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 600                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 500                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 400                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 300                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 200                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 100                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |
| GE 000                | 98.3                        | 98.9    | 99.3    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 03-05

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 70.0                        | 70.0    | 71.7    | 71.7    | 73.3    | 73.3        | 73.3    | 73.3        | 73.3        | 73.3    | 75.0      | 75.0      | 76.7      | 76.7      | 76.7      | 76.7    |
| GE 20000              | 78.3                        | 78.3    | 80.0    | 80.0    | 81.7    | 81.7        | 81.7    | 81.7        | 81.7        | 81.7    | 83.3      | 83.3      | 85.0      | 85.0      | 85.0      | 85.0    |
| GE 18000              | 80.0                        | 80.0    | 81.7    | 81.7    | 83.3    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 85.0      | 85.0      | 86.7      | 86.7      | 86.7      | 86.7    |
| GE 16000              | 80.0                        | 80.0    | 81.7    | 81.7    | 83.3    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 85.0      | 85.0      | 86.7      | 86.7      | 86.7      | 86.7    |
| GE 14000              | 81.7                        | 81.7    | 83.3    | 83.3    | 85.0    | 85.0        | 85.0    | 85.0        | 85.0        | 85.0    | 86.7      | 86.7      | 88.3      | 88.3      | 88.3      | 88.3    |
| GE 12000              | 81.7                        | 81.7    | 83.3    | 83.3    | 85.0    | 85.0        | 85.0    | 85.0        | 85.0        | 85.0    | 86.7      | 86.7      | 88.3      | 88.3      | 88.3      | 88.3    |
| GE 10000              | 85.0                        | 85.0    | 86.7    | 86.7    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 90.0      | 90.0      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 9000               | 85.0                        | 85.0    | 86.7    | 86.7    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 90.0      | 90.0      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 8000               | 85.0                        | 85.0    | 86.7    | 86.7    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 90.0      | 90.0      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 7000               | 85.0                        | 85.0    | 86.7    | 86.7    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 90.0      | 90.0      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 6000               | 85.0                        | 85.0    | 86.7    | 86.7    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 90.0      | 90.0      | 91.7      | 91.7      | 91.7      | 91.7    |
| GE 5000               | 86.7                        | 86.7    | 88.3    | 88.3    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 91.7      | 91.7      | 93.3      | 93.3      | 93.3      | 93.3    |
| GE 4500               | 86.7                        | 86.7    | 88.3    | 88.3    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 91.7      | 91.7      | 93.3      | 93.3      | 93.3      | 93.3    |
| GE 4000               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 3500               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 3000               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 2500               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 2000               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 1800               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 1500               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 1200               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 1000               | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 900                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 800                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 700                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 600                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 93.3      | 93.3      | 95.0      | 95.0      | 95.0      | 95.0    |
| GE 500                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 400                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 300                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 200                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 98.3      | 100.0   |
| GE 100                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 98.3      | 100.0   |
| GE 000                | 88.3                        | 88.3    | 90.0    | 90.0    | 91.7    | 91.7        | 91.7    | 93.3        | 93.3        | 93.3    | 95.0      | 95.0      | 96.7      | 96.7      | 98.3      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 60



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 06-08

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 72.9                        | 73.4    | 73.8    | 74.4    | 74.8    | 74.9        | 75.1    | 75.5        | 75.5        | 75.6    | 76.0      | 76.0      | 76.1      | 76.1      | 76.4      | 76.9    |
| GE 20000              | 77.0                        | 77.4    | 77.9    | 78.4    | 78.9    | 79.0        | 79.1    | 79.6        | 79.6        | 79.7    | 80.0      | 80.0      | 80.1      | 80.1      | 80.5      | 80.9    |
| GE 18000              | 77.4                        | 77.9    | 78.3    | 78.9    | 79.3    | 79.5        | 79.6    | 80.0        | 80.0        | 80.1    | 80.5      | 80.5      | 80.6      | 80.6      | 80.9      | 81.4    |
| GE 16000              | 77.7                        | 78.1    | 78.6    | 79.1    | 79.6    | 79.7        | 79.8    | 80.2        | 80.2        | 80.4    | 80.7      | 80.7      | 80.8      | 80.8      | 81.2      | 81.6    |
| GE 14000              | 80.1                        | 80.6    | 81.0    | 81.6    | 82.1    | 82.2        | 82.3    | 82.7        | 82.7        | 82.8    | 83.2      | 83.2      | 83.3      | 83.3      | 83.6      | 84.1    |
| GE 12000              | 81.7                        | 82.2    | 82.6    | 83.2    | 83.6    | 83.7        | 83.9    | 84.3        | 84.3        | 84.4    | 84.8      | 84.8      | 84.9      | 84.9      | 85.2      | 85.7    |
| GE 10000              | 86.6                        | 87.2    | 87.7    | 88.3    | 88.8    | 88.9        | 89.2    | 89.6        | 89.6        | 89.7    | 90.1      | 90.1      | 90.2      | 90.2      | 90.5      | 91.0    |
| GE 9000               | 86.9                        | 87.6    | 88.0    | 88.6    | 89.2    | 89.3        | 89.5    | 90.0        | 90.0        | 90.2    | 90.5      | 90.5      | 90.6      | 90.6      | 91.0      | 91.4    |
| GE 8000               | 88.3                        | 88.9    | 89.5    | 90.2    | 90.7    | 91.0        | 91.2    | 91.6        | 91.6        | 91.9    | 92.2      | 92.2      | 92.3      | 92.3      | 92.7      | 93.2    |
| GE 7000               | 88.5                        | 89.2    | 89.7    | 90.4    | 91.0    | 91.2        | 91.4    | 91.9        | 91.9        | 92.1    | 92.4      | 92.4      | 92.6      | 92.6      | 92.9      | 93.5    |
| GE 6000               | 88.7                        | 89.4    | 90.0    | 90.6    | 91.2    | 91.4        | 91.6    | 92.1        | 92.1        | 92.3    | 92.7      | 92.7      | 92.8      | 92.8      | 93.1      | 93.7    |
| GE 5000               | 90.3                        | 91.0    | 91.5    | 92.2    | 92.8    | 93.0        | 93.2    | 93.7        | 93.7        | 93.9    | 94.2      | 94.2      | 94.4      | 94.4      | 94.7      | 95.3    |
| GE 4500               | 90.3                        | 91.0    | 91.5    | 92.2    | 92.8    | 93.0        | 93.2    | 93.7        | 93.7        | 93.9    | 94.2      | 94.2      | 94.4      | 94.4      | 94.7      | 95.3    |
| GE 4000               | 91.3                        | 92.2    | 92.8    | 93.5    | 94.1    | 94.5        | 94.7    | 95.1        | 95.1        | 95.4    | 95.7      | 95.7      | 95.8      | 95.8      | 96.2      | 96.7    |
| GE 3500               | 91.4                        | 92.3    | 92.9    | 93.6    | 94.2    | 94.6        | 94.8    | 95.3        | 95.3        | 95.5    | 95.8      | 95.8      | 95.9      | 95.9      | 96.3      | 96.8    |
| GE 3000               | 92.0                        | 92.9    | 93.5    | 94.1    | 94.8    | 95.1        | 95.4    | 95.8        | 95.8        | 96.0    | 96.4      | 96.4      | 96.5      | 96.5      | 96.8      | 97.4    |
| GE 2500               | 92.0                        | 92.9    | 93.5    | 94.1    | 94.8    | 95.1        | 95.4    | 95.8        | 95.8        | 96.0    | 96.4      | 96.4      | 96.5      | 96.5      | 96.8      | 97.4    |
| GE 2000               | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.5    | 95.9        | 95.9        | 96.2    | 96.5      | 96.5      | 96.6      | 96.6      | 97.0      | 97.5    |
| GE 1800               | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.5    | 95.9        | 95.9        | 96.2    | 96.5      | 96.5      | 96.6      | 96.6      | 97.0      | 97.5    |
| GE 1500               | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.5    | 95.9        | 95.9        | 96.2    | 96.5      | 96.5      | 96.6      | 96.6      | 97.0      | 97.5    |
| GE 1200               | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.5    | 95.9        | 95.9        | 96.2    | 96.5      | 96.5      | 96.6      | 96.6      | 97.0      | 97.5    |
| GE 1000               | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.6    | 96.0        | 96.0        | 96.3    | 96.6      | 96.6      | 96.7      | 96.7      | 97.1      | 97.6    |
| GE 900                | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.6    | 96.0        | 96.0        | 96.3    | 96.6      | 96.6      | 96.7      | 96.7      | 97.1      | 97.6    |
| GE 800                | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.6    | 96.0        | 96.0        | 96.3    | 96.6      | 96.6      | 96.7      | 96.7      | 97.1      | 97.6    |
| GE 700                | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.6    | 96.0        | 96.0        | 96.3    | 96.6      | 96.6      | 96.7      | 96.7      | 97.1      | 97.6    |
| GE 600                | 92.1                        | 93.0    | 93.6    | 94.2    | 94.9    | 95.3        | 95.6    | 96.0        | 96.0        | 96.3    | 96.6      | 96.6      | 96.7      | 96.7      | 97.1      | 97.6    |
| GE 500                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.2    | 97.5      | 97.5      | 97.7      | 97.7      | 98.4      | 99.0    |
| GE 400                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.2    | 97.5      | 97.5      | 97.7      | 97.7      | 98.4      | 99.0    |
| GE 300                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.2    | 97.5      | 97.5      | 97.7      | 97.7      | 98.4      | 99.1    |
| GE 200                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.3    | 97.6      | 97.6      | 98.0      | 98.0      | 99.0      | 100.0   |
| GE 100                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.3    | 97.6      | 97.6      | 98.0      | 98.0      | 99.0      | 100.0   |
| GE 000                | 92.1                        | 93.0    | 93.8    | 94.7    | 95.4    | 95.8        | 96.5    | 97.0        | 97.0        | 97.3    | 97.6      | 97.6      | 98.0      | 98.0      | 99.0      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 09-11

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 69.1                        | 69.5    | 70.2    | 71.2    | 71.6    | 71.6        | 71.6    | 71.6        | 71.6        | 71.7    | 71.7      | 71.7      | 71.9      | 71.9      | 71.9      | 72.0    |
| GE 20000              | 76.2                        | 76.6    | 77.3    | 78.3    | 78.9    | 78.9        | 78.9    | 78.9        | 78.9        | 79.0    | 79.0      | 79.0      | 79.2      | 79.2      | 79.2      | 79.3    |
| GE 18000              | 77.1                        | 77.5    | 78.2    | 79.2    | 79.8    | 79.8        | 79.8    | 79.8        | 79.8        | 79.9    | 79.9      | 79.9      | 80.1      | 80.1      | 80.1      | 80.2    |
| GE 16000              | 77.4                        | 77.9    | 78.6    | 79.6    | 80.1    | 80.1        | 80.1    | 80.1        | 80.1        | 80.2    | 80.2      | 80.2      | 80.5      | 80.5      | 80.5      | 80.6    |
| GE 14000              | 80.5                        | 80.9    | 81.6    | 82.6    | 83.2    | 83.2        | 83.2    | 83.2        | 83.2        | 83.3    | 83.3      | 83.3      | 83.5      | 83.5      | 83.5      | 83.6    |
| GE 12000              | 83.0                        | 83.4    | 84.1    | 85.1    | 85.7    | 85.7        | 85.7    | 85.7        | 85.7        | 85.8    | 85.8      | 85.8      | 86.0      | 86.0      | 86.0      | 86.1    |
| GE 10000              | 86.0                        | 86.5    | 87.1    | 88.1    | 88.7    | 88.7        | 88.7    | 88.7        | 88.7        | 88.8    | 88.8      | 88.8      | 89.1      | 89.1      | 89.1      | 89.2    |
| GE 9000               | 86.6                        | 87.0    | 87.7    | 88.7    | 89.4    | 89.4        | 89.4    | 89.4        | 89.4        | 89.5    | 89.5      | 89.5      | 89.8      | 89.8      | 89.8      | 90.0    |
| GE 8000               | 87.9                        | 88.4    | 89.1    | 90.1    | 90.7    | 90.7        | 90.7    | 90.7        | 90.7        | 90.9    | 90.9      | 90.9      | 91.2      | 91.2      | 91.2      | 91.3    |
| GE 7000               | 88.5                        | 89.1    | 89.8    | 90.9    | 91.5    | 91.5        | 91.5    | 91.5        | 91.5        | 91.6    | 91.6      | 91.6      | 92.0      | 92.0      | 92.0      | 92.1    |
| GE 6000               | 89.1                        | 89.6    | 90.4    | 91.4    | 92.2    | 92.2        | 92.2    | 92.2        | 92.2        | 92.3    | 92.3      | 92.3      | 92.7      | 92.7      | 92.7      | 92.8    |
| GE 5000               | 89.8                        | 90.5    | 91.3    | 92.3    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.2    | 93.2      | 93.2      | 93.6      | 93.6      | 93.6      | 93.7    |
| GE 4500               | 89.8                        | 90.5    | 91.3    | 92.3    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.2    | 93.2      | 93.2      | 93.6      | 93.6      | 93.6      | 93.7    |
| GE 4000               | 91.4                        | 92.1    | 93.0    | 94.0    | 94.9    | 95.0        | 95.0    | 95.0        | 95.0        | 95.1    | 95.1      | 95.1      | 95.5      | 95.5      | 95.5      | 95.6    |
| GE 3500               | 91.5                        | 92.2    | 93.2    | 94.4    | 95.3    | 95.5        | 95.5    | 95.5        | 95.5        | 95.6    | 95.6      | 95.6      | 95.9      | 95.9      | 95.9      | 96.0    |
| GE 3000               | 91.8                        | 92.6    | 93.6    | 94.8    | 95.7    | 95.9        | 95.9    | 95.9        | 95.9        | 96.0    | 96.0      | 96.0      | 96.4      | 96.4      | 96.4      | 96.5    |
| GE 2500               | 91.9                        | 92.7    | 93.7    | 94.9    | 95.8    | 96.0        | 96.0    | 96.0        | 96.0        | 96.2    | 96.2      | 96.2      | 96.5      | 96.5      | 96.5      | 96.6    |
| GE 2000               | 91.9                        | 92.7    | 93.7    | 94.9    | 95.8    | 96.0        | 96.0    | 96.0        | 96.0        | 96.2    | 96.2      | 96.2      | 96.5      | 96.5      | 96.5      | 96.6    |
| GE 1800               | 91.9                        | 92.7    | 93.7    | 94.9    | 95.8    | 96.0        | 96.0    | 96.0        | 96.0        | 96.2    | 96.2      | 96.2      | 96.5      | 96.5      | 96.5      | 96.6    |
| GE 1500               | 91.9                        | 92.7    | 93.7    | 94.9    | 95.8    | 96.2        | 96.2    | 96.2        | 96.2        | 96.3    | 96.3      | 96.3      | 96.6      | 96.6      | 96.6      | 96.7    |
| GE 1200               | 92.0                        | 92.8    | 93.8    | 95.0    | 95.9    | 96.3        | 96.3    | 96.3        | 96.3        | 96.4    | 96.4      | 96.4      | 96.7      | 96.7      | 96.7      | 96.8    |
| GE 1000               | 92.2                        | 93.2    | 94.2    | 95.5    | 96.5    | 96.8        | 96.8    | 96.8        | 97.1        | 97.2    | 97.2      | 97.2      | 97.5      | 97.5      | 97.5      | 97.6    |
| GE 900                | 92.2                        | 93.2    | 94.2    | 95.5    | 96.5    | 97.0        | 97.0    | 97.2        | 97.4        | 97.5    | 97.5      | 97.5      | 97.9      | 97.9      | 97.9      | 98.0    |
| GE 800                | 92.2                        | 93.2    | 94.2    | 95.5    | 96.5    | 97.0        | 97.0    | 97.2        | 97.4        | 97.5    | 97.5      | 97.5      | 97.9      | 97.9      | 97.9      | 98.0    |
| GE 700                | 92.2                        | 93.2    | 94.2    | 95.5    | 96.5    | 97.0        | 97.0    | 97.2        | 97.4        | 97.5    | 97.5      | 97.5      | 97.9      | 97.9      | 97.9      | 98.0    |
| GE 600                | 92.2                        | 93.2    | 94.2    | 95.5    | 96.5    | 97.0        | 97.0    | 97.2        | 97.4        | 97.5    | 97.5      | 97.5      | 97.9      | 97.9      | 97.9      | 98.0    |
| GE 500                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.0        | 98.2        | 98.5    | 98.5      | 98.5      | 99.0      | 99.0      | 99.1      | 99.2    |
| GE 400                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.0        | 98.2        | 98.5    | 98.5      | 98.5      | 99.0      | 99.0      | 99.1      | 99.2    |
| GE 300                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.1        | 98.4        | 98.8    | 98.8      | 98.8      | 99.2      | 99.3      | 99.4      | 99.5    |
| GE 200                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.1        | 98.4        | 98.8    | 98.8      | 98.8      | 99.2      | 99.3      | 99.4      | 99.7    |
| GE 100                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.1        | 98.4        | 98.8    | 98.8      | 98.8      | 99.2      | 99.3      | 99.4      | 100.0   |
| GE 000                | 92.3                        | 93.8    | 94.8    | 96.0    | 97.1    | 97.6        | 97.7    | 98.1        | 98.4        | 98.8    | 98.8      | 98.8      | 99.2      | 99.3      | 99.4      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VESUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 12-14

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 71.1                        | 71.4    | 71.6    | 71.6    | 71.6    | 71.7        | 71.7    | 71.7        | 71.7        | 71.7    | 71.7      | 71.7      | 71.7      | 71.7      | 71.7      | 71.7    |
| GE 20000              | 79.3                        | 79.7    | 79.9    | 79.9    | 80.1    | 80.2        | 80.2    | 80.2        | 80.2        | 80.2    | 80.2      | 80.2      | 80.2      | 80.2      | 80.2      | 80.2    |
| GE 18000              | 79.8                        | 80.1    | 80.4    | 80.4    | 80.6    | 80.7        | 80.7    | 80.7        | 80.7        | 80.7    | 80.7      | 80.7      | 80.7      | 80.7      | 80.7      | 80.7    |
| GE 16000              | 80.0                        | 80.4    | 80.6    | 80.6    | 80.8    | 80.9        | 80.9    | 80.9        | 80.9        | 80.9    | 80.9      | 80.9      | 80.9      | 80.9      | 80.9      | 80.9    |
| GE 14000              | 82.6                        | 83.0    | 83.2    | 83.2    | 83.4    | 83.5        | 83.5    | 83.5        | 83.5        | 83.5    | 83.5      | 83.5      | 83.5      | 83.5      | 83.5      | 83.5    |
| GE 12000              | 85.5                        | 85.8    | 86.0    | 86.0    | 86.3    | 86.4        | 86.4    | 86.4        | 86.4        | 86.4    | 86.4      | 86.4      | 86.4      | 86.4      | 86.4      | 86.4    |
| GE 10000              | 87.9                        | 88.2    | 88.4    | 88.4    | 88.6    | 88.8        | 88.8    | 88.8        | 88.8        | 88.8    | 88.8      | 88.8      | 88.8      | 88.8      | 88.8      | 88.8    |
| GE 9000               | 88.8                        | 89.1    | 89.3    | 89.3    | 89.6    | 89.7        | 89.7    | 89.7        | 89.7        | 89.7    | 89.7      | 89.7      | 89.7      | 89.7      | 89.7      | 89.7    |
| GE 8000               | 90.6                        | 90.9    | 91.1    | 91.1    | 91.4    | 91.5        | 91.5    | 91.5        | 91.5        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5      | 91.5      | 91.5    |
| GE 7000               | 91.5                        | 91.8    | 92.1    | 92.1    | 92.3    | 92.4        | 92.4    | 92.4        | 92.4        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4      | 92.4      | 92.4    |
| GE 6000               | 92.3                        | 92.6    | 92.8    | 92.8    | 93.1    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2      | 93.2      | 93.2    |
| GE 5000               | 92.8                        | 93.3    | 93.5    | 93.5    | 93.8    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9      | 93.9      | 93.9    |
| GE 4500               | 93.1                        | 93.5    | 93.8    | 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    |
| GE 4000               | 94.4                        | 94.9    | 95.2    | 95.2    | 95.5    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6      | 95.6      | 95.6    |
| GE 3500               | 94.6                        | 95.0    | 95.3    | 95.3    | 95.6    | 95.7        | 95.7    | 95.7        | 95.7        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7      | 95.7      | 95.7    |
| GE 3000               | 95.0                        | 95.5    | 95.9    | 95.9    | 96.1    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.4      | 96.4      | 96.4      | 96.4    |
| GE 2500               | 95.3                        | 95.8    | 96.6    | 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    |
| GE 2000               | 95.7                        | 96.1    | 96.9    | 96.9    | 97.2    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 1800               | 95.7                        | 96.1    | 96.9    | 96.9    | 97.2    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 1500               | 95.9                        | 96.5    | 97.3    | 97.4    | 97.6    | 98.0        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.0    |
| GE 1200               | 95.9                        | 96.5    | 97.3    | 97.4    | 97.6    | 98.0        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0      | 98.0      | 98.0    |
| GE 1000               | 96.0                        | 96.6    | 97.4    | 97.5    | 97.7    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 900                | 96.0                        | 96.6    | 97.4    | 97.5    | 97.7    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1      | 98.1      | 98.1    |
| GE 800                | 96.0                        | 96.8    | 97.6    | 97.7    | 98.0    | 98.3        | 98.3    | 98.3        | 98.3        | 98.4    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.5    |
| GE 700                | 96.0                        | 96.8    | 97.6    | 97.7    | 98.0    | 98.3        | 98.3    | 98.3        | 98.3        | 98.4    | 98.5      | 98.5      | 98.5      | 98.5      | 98.5      | 98.5    |
| GE 600                | 96.0                        | 97.0    | 97.8    | 98.0    | 98.2    | 98.5        | 98.5    | 98.5        | 98.5        | 99.1    | 99.2      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 500                | 96.5                        | 97.6    | 98.4    | 98.5    | 98.8    | 99.1        | 99.1    | 99.1        | 99.1        | 99.7    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 400                | 96.5                        | 97.6    | 98.4    | 98.5    | 98.8    | 99.1        | 99.1    | 99.1        | 99.1        | 99.7    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 300                | 96.5                        | 97.8    | 98.6    | 98.8    | 99.0    | 99.3        | 99.3    | 99.3        | 99.3        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 200                | 96.5                        | 97.8    | 98.6    | 98.8    | 99.0    | 99.3        | 99.3    | 99.3        | 99.3        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 96.5                        | 97.8    | 98.6    | 98.8    | 99.0    | 99.3        | 99.3    | 99.3        | 99.3        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 96.5                        | 97.8    | 98.6    | 98.8    | 99.0    | 99.3        | 99.3    | 99.3        | 99.3        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 15-17

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 72.8                        | 72.8    | 72.8    | 72.8    | 72.8    | 73.0        | 73.0    | 73.0        | 73.0        | 73.0    | 73.0      | 73.0      | 73.0      | 73.0      | 73.0      | 73.0    |
| GE 20000              | 80.8                        | 80.8    | 81.0    | 81.0    | 81.0    | 81.2        | 81.2    | 81.2        | 81.2        | 81.2    | 81.2      | 81.2      | 81.2      | 81.2      | 81.2      | 81.2    |
| GE 18000              | 81.3                        | 81.3    | 81.4    | 81.4    | 81.4    | 81.7        | 81.7    | 81.7        | 81.7        | 81.7    | 81.7      | 81.7      | 81.7      | 81.7      | 81.7      | 81.7    |
| GE 16000              | 81.3                        | 81.3    | 81.4    | 81.4    | 81.4    | 81.7        | 81.7    | 81.7        | 81.7        | 81.7    | 81.7      | 81.7      | 81.7      | 81.7      | 81.7      | 81.7    |
| GE 14000              | 82.2                        | 82.2    | 82.4    | 82.4    | 82.4    | 82.6        | 82.6    | 82.6        | 82.6        | 82.6    | 82.6      | 82.6      | 82.6      | 82.6      | 82.6      | 82.6    |
| GE 12000              | 85.2                        | 85.2    | 85.3    | 85.3    | 85.3    | 85.5        | 85.5    | 85.5        | 85.5        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5      | 85.5      | 85.5    |
| GE 10000              | 87.7                        | 87.7    | 87.9    | 87.9    | 87.9    | 88.1        | 88.1    | 88.1        | 88.1        | 88.1    | 88.1      | 88.1      | 88.1      | 88.1      | 88.1      | 88.1    |
| GE 9000               | 89.4                        | 89.4    | 89.5    | 89.5    | 89.5    | 89.7        | 89.7    | 89.7        | 89.7        | 89.7    | 89.7      | 89.7      | 89.7      | 89.7      | 89.7      | 89.7    |
| GE 8000               | 90.3                        | 90.3    | 90.7    | 90.7    | 90.7    | 90.9        | 90.9    | 90.9        | 90.9        | 90.9    | 90.9      | 90.9      | 90.9      | 90.9      | 90.9      | 90.9    |
| GE 7000               | 91.0                        | 91.0    | 91.4    | 91.4    | 91.4    | 91.6        | 91.6    | 91.6        | 91.6        | 91.6    | 91.6      | 91.6      | 91.6      | 91.6      | 91.6      | 91.6    |
| GE 6000               | 92.2                        | 92.2    | 92.5    | 92.5    | 92.5    | 92.8        | 92.8    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8      | 92.8      | 92.8    |
| GE 5000               | 93.2                        | 93.2    | 93.6    | 93.6    | 93.6    | 93.8        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8      | 93.8      | 93.8    |
| GE 4500               | 93.9                        | 93.9    | 94.3    | 94.3    | 94.3    | 94.5        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5      | 94.5      | 94.5    |
| GE 4000               | 95.6                        | 95.6    | 96.4    | 96.4    | 96.5    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 3500               | 95.6                        | 95.6    | 96.4    | 96.4    | 96.5    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7      | 96.7      | 96.7    |
| GE 3000               | 96.4                        | 96.4    | 97.2    | 97.2    | 97.3    | 97.5        | 97.5    | 97.5        | 97.5        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5      | 97.5      | 97.5    |
| GE 2500               | 96.5                        | 96.5    | 97.3    | 97.3    | 97.4    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7      | 97.7      | 97.7    |
| GE 2000               | 96.6                        | 96.6    | 97.4    | 97.4    | 97.5    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8      | 97.8      | 97.8    |
| GE 1800               | 96.6                        | 96.6    | 97.4    | 97.4    | 97.5    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8      | 97.8      | 97.8    |
| GE 1500               | 97.4                        | 97.4    | 98.2    | 98.2    | 98.4    | 98.6        | 98.6    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 1200               | 97.5                        | 97.5    | 98.4    | 98.4    | 98.5    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.7    |
| GE 1000               | 97.5                        | 97.5    | 98.4    | 98.4    | 98.5    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7      | 98.7      | 98.7    |
| GE 900                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 800                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 98.9        | 99.1        | 99.1    | 99.2      | 99.2      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 700                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 98.9        | 99.1        | 99.1    | 99.2      | 99.2      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 600                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 99.1        | 99.2        | 99.2    | 99.3      | 99.3      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 500                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 99.1        | 99.2        | 99.2    | 99.3      | 99.3      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 400                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 99.1        | 99.2        | 99.2    | 99.3      | 99.3      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 300                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.7    | 98.9        | 98.9    | 99.1        | 99.2        | 99.2    | 99.3      | 99.3      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 200                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.9    | 99.2        | 99.5    | 99.6        | 99.8        | 99.8    | 99.9      | 99.9      | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 100                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.9    | 99.2        | 99.5    | 99.6        | 99.8        | 99.8    | 99.9      | 99.9      | 100.0     | 100.0     | 100.0     | 100.0   |
| GE 000                | 97.8                        | 97.8    | 98.6    | 98.6    | 98.9    | 99.2        | 99.5    | 99.6        | 99.8        | 99.8    | 99.9      | 99.9      | 100.0     | 100.0     | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 856

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 18-20

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 75.4      | 75.4      | 75.4    |
| GE 20000              | 83.7                        | 83.7    | 83.7    | 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    |
| GE 18000              | 83.9                        | 83.9    | 83.9    | 83.9    | 84.1    | 84.1        | 84.1    | 84.1        | 84.1        | 84.1    | 84.1      | 84.1      | 84.1      | 84.1      | 84.1      | 84.1    |
| GE 16000              | 84.2                        | 84.2    | 84.2    | 84.2    | 84.5    | 84.5        | 84.5    | 84.5        | 84.5        | 84.5    | 84.5      | 84.5      | 84.5      | 84.5      | 84.5      | 84.5    |
| GE 14000              | 85.7                        | 85.7    | 85.7    | 85.7    | 85.9    | 85.9        | 85.9    | 85.9        | 85.9        | 85.9    | 85.9      | 85.9      | 85.9      | 85.9      | 85.9      | 85.9    |
| GE 12000              | 88.6                        | 88.6    | 88.6    | 88.6    | 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 10000              | 90.2                        | 90.2    | 90.2    | 90.2    | 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 9000               | 90.3                        | 90.3    | 90.3    | 90.3    | 90.7    | 90.7        | 90.7    | 90.7        | 90.7        | 90.7    | 90.7      | 90.7      | 90.7      | 90.7      | 90.7      | 90.7    |
| GE 8000               | 91.6                        | 91.6    | 91.6    | 91.6    | 92.0    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 7000               | 91.6                        | 91.6    | 91.6    | 91.6    | 92.0    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0      | 92.0      | 92.0    |
| GE 6000               | 92.4                        | 92.4    | 92.4    | 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 5000               | 93.4                        | 93.4    | 93.4    | 93.4    | 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 4500               | 93.8                        | 93.8    | 93.8    | 93.8    | 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 4000               | 95.5                        | 95.5    | 95.9    | 95.9    | 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 3500               | 95.5                        | 95.5    | 95.9    | 95.9    | 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 3000               | 96.5                        | 96.6    | 97.1    | 97.1    | 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 2500               | 96.5                        | 96.6    | 97.1    | 97.1    | 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 2000               | 96.5                        | 96.7    | 97.2    | 97.2    | 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               | 96.5                        | 96.7    | 97.2    | 97.2    | 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               | 97.1                        | 97.3    | 97.8    | 97.8    | 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 1200               | 97.1                        | 97.3    | 97.8    | 97.8    | 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               | 97.1                        | 97.3    | 97.8    | 97.8    | 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                | 97.1                        | 97.3    | 97.8    | 97.8    | 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                | 97.1                        | 97.3    | 97.8    | 97.8    | 98.5    | 98.5        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 700                | 97.1                        | 97.3    | 97.8    | 97.8    | 98.5    | 98.5        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 600                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 99.2      | 99.2      | 99.2      | 99.2      | 99.2    |
| GE 500                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 400                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 300                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.5      | 99.5      | 99.5      | 99.5      | 99.5    |
| GE 200                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.4    | 99.4        | 99.4        | 99.4    | 99.5      | 99.8      | 99.8      | 99.9      | 99.9      | 99.9    |
| GE 100                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.4    | 99.4        | 99.4        | 99.4    | 99.5      | 99.8      | 99.8      | 99.9      | 99.9      | 99.9    |
| GE 000                | 97.1                        | 97.3    | 97.8    | 97.9    | 98.8    | 98.8        | 99.4    | 99.4        | 99.4        | 99.4    | 99.5      | 99.8      | 99.8      | 99.9      | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 824

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: 21-23

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 85.3                        | 85.3    | 85.3    | 85.3    | 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 18000              | 85.7                        | 85.7    | 85.7    | 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    |
| GE 16000              | 86.0                        | 86.0    | 86.0    | 86.0    | 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 14000              | 86.8                        | 86.8    | 86.8    | 86.8    | 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 12000              | 89.3                        | 89.3    | 89.3    | 89.3    | 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 10000              | 92.3                        | 92.3    | 92.3    | 92.3    | 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 9000               | 92.3                        | 92.3    | 92.3    | 92.3    | 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 8000               | 93.4                        | 93.4    | 93.4    | 93.4    | 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               | 93.4                        | 93.4    | 93.4    | 93.4    | 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               | 94.1                        | 94.1    | 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    |
| GE 5000               | 94.9                        | 94.9    | 94.9    | 94.9    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2      | 95.2      | 95.2    |
| GE 4500               | 94.9                        | 94.9    | 94.9    | 94.9    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2      | 95.2      | 95.2    |
| GE 4000               | 96.3                        | 96.3    | 96.7    | 96.7    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 3500               | 96.3                        | 96.3    | 96.7    | 96.7    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4      | 97.4      | 97.4    |
| GE 3000               | 97.1                        | 97.1    | 97.4    | 97.8    | 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 2500               | 97.1                        | 97.1    | 97.4    | 97.8    | 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               | 97.1                        | 97.4    | 97.8    | 98.2    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9      | 98.9      | 98.9    |
| GE 1800               | 97.1                        | 97.4    | 97.8    | 98.2    | 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               | 97.1                        | 97.4    | 97.8    | 98.2    | 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 1200               | 97.1                        | 97.4    | 97.8    | 98.2    | 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 1000               | 97.1                        | 97.4    | 97.8    | 98.2    | 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                | 97.1                        | 97.4    | 97.8    | 98.2    | 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                | 97.1                        | 97.4    | 97.8    | 98.2    | 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                | 97.1                        | 97.4    | 97.8    | 98.2    | 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 600                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 500                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 400                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 300                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 200                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.6    |
| GE 100                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 100.0   |
| GE 000                | 97.1                        | 97.4    | 97.8    | 98.2    | 99.3    | 99.3        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: DEC HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 72.6                        | 72.8    | 73.1    | 73.4    | 73.6    | 73.7        | 73.7    | 73.8        | 73.8        | 73.8    | 73.9      | 73.9      | 74.0      | 74.0      | 74.0      | 74.1    |
| GE 20000              | 79.7                        | 79.9    | 80.2    | 80.5    | 80.8    | 80.9        | 80.9    | 81.0        | 81.0        | 81.1    | 81.2      | 81.2      | 81.2      | 81.2      | 81.3      | 81.4    |
| GE 18000              | 80.2                        | 80.4    | 80.7    | 81.0    | 81.3    | 81.4        | 81.4    | 81.5        | 81.5        | 81.6    | 81.7      | 81.7      | 81.7      | 81.7      | 81.8      | 81.9    |
| GE 16000              | 80.4                        | 80.6    | 80.9    | 81.2    | 81.6    | 81.7        | 81.7    | 81.8        | 81.8        | 81.8    | 81.9      | 81.9      | 82.0      | 82.0      | 82.0      | 82.1    |
| GE 14000              | 82.4                        | 82.7    | 83.0    | 83.3    | 83.6    | 83.7        | 83.7    | 83.8        | 83.8        | 83.8    | 83.9      | 83.9      | 84.0      | 84.0      | 84.1      | 84.2    |
| GE 12000              | 85.0                        | 85.2    | 85.5    | 85.8    | 86.1    | 86.2        | 86.2    | 86.3        | 86.3        | 86.4    | 86.5      | 86.5      | 86.5      | 86.5      | 86.6      | 86.7    |
| GE 10000              | 87.9                        | 88.1    | 88.4    | 88.7    | 89.1    | 89.2        | 89.2    | 89.3        | 89.3        | 89.4    | 89.5      | 89.5      | 89.5      | 89.5      | 89.6      | 89.7    |
| GE 9000               | 88.5                        | 88.8    | 89.1    | 89.4    | 89.8    | 89.9        | 89.9    | 90.0        | 90.0        | 90.1    | 90.2      | 90.2      | 90.3      | 90.3      | 90.3      | 90.4    |
| GE 8000               | 89.9                        | 90.1    | 90.5    | 90.8    | 91.2    | 91.3        | 91.4    | 91.4        | 91.4        | 91.5    | 91.6      | 91.6      | 91.7      | 91.7      | 91.8      | 91.9    |
| GE 7000               | 90.3                        | 90.6    | 91.0    | 91.3    | 91.7    | 91.8        | 91.9    | 91.9        | 91.9        | 92.0    | 92.1      | 92.1      | 92.2      | 92.2      | 92.3      | 92.4    |
| GE 6000               | 91.0                        | 91.3    | 91.7    | 92.0    | 92.4    | 92.5        | 92.6    | 92.6        | 92.6        | 92.7    | 92.8      | 92.8      | 92.9      | 92.9      | 93.0      | 93.1    |
| GE 5000               | 92.0                        | 92.3    | 92.7    | 93.1    | 93.5    | 93.6        | 93.6    | 93.7        | 93.7        | 93.8    | 93.8      | 93.8      | 94.0      | 94.0      | 94.0      | 94.1    |
| GE 4500               | 92.2                        | 92.6    | 93.0    | 93.3    | 93.7    | 93.8        | 93.8    | 93.9        | 93.9        | 94.0    | 94.1      | 94.1      | 94.2      | 94.2      | 94.3      | 94.4    |
| GE 4000               | 93.7                        | 94.1    | 94.7    | 95.0    | 95.6    | 95.7        | 95.8    | 95.8        | 95.8        | 95.9    | 96.0      | 96.0      | 96.1      | 96.1      | 96.2      | 96.3    |
| GE 3500               | 93.8                        | 94.1    | 94.8    | 95.1    | 95.7    | 95.8        | 95.9    | 96.0        | 96.0        | 96.0    | 96.1      | 96.1      | 96.2      | 96.2      | 96.3      | 96.4    |
| GE 3000               | 94.4                        | 94.8    | 95.5    | 95.8    | 96.4    | 96.5        | 96.6    | 96.7        | 96.7        | 96.8    | 96.9      | 96.9      | 97.0      | 97.0      | 97.0      | 97.2    |
| GE 2500               | 94.5                        | 94.9    | 95.6    | 96.0    | 96.6    | 96.8        | 96.8    | 96.9        | 96.9        | 97.0    | 97.0      | 97.0      | 97.1      | 97.1      | 97.2      | 97.3    |
| GE 2000               | 94.6                        | 95.0    | 95.8    | 96.2    | 96.7    | 96.9        | 97.0    | 97.0        | 97.0        | 97.1    | 97.2      | 97.2      | 97.3      | 97.3      | 97.4      | 97.5    |
| GE 1800               | 94.6                        | 95.0    | 95.8    | 96.2    | 96.7    | 96.9        | 97.0    | 97.0        | 97.0        | 97.1    | 97.2      | 97.2      | 97.3      | 97.3      | 97.4      | 97.5    |
| GE 1500               | 94.9                        | 95.4    | 96.1    | 96.5    | 97.1    | 97.3        | 97.3    | 97.4        | 97.4        | 97.5    | 97.6      | 97.6      | 97.7      | 97.7      | 97.7      | 97.9    |
| GE 1200               | 94.9                        | 95.4    | 96.1    | 96.5    | 97.1    | 97.3        | 97.4    | 97.5        | 97.5        | 97.5    | 97.6      | 97.6      | 97.7      | 97.7      | 97.8      | 97.9    |
| GE 1000               | 95.0                        | 95.5    | 96.2    | 96.7    | 97.2    | 97.5        | 97.5    | 97.6        | 97.7        | 97.7    | 97.8      | 97.8      | 97.9      | 97.9      | 98.0      | 98.1    |
| GE 900                | 95.0                        | 95.6    | 96.3    | 96.7    | 97.3    | 97.5        | 97.6    | 97.7        | 97.8        | 97.8    | 97.9      | 97.9      | 98.0      | 98.0      | 98.1      | 98.2    |
| GE 800                | 95.0                        | 95.6    | 96.3    | 96.7    | 97.3    | 97.6        | 97.7    | 97.8        | 97.9        | 97.9    | 98.1      | 98.1      | 98.2      | 98.2      | 98.3      | 98.4    |
| GE 700                | 95.0                        | 95.6    | 96.3    | 96.7    | 97.3    | 97.6        | 97.7    | 97.8        | 97.9        | 97.9    | 98.1      | 98.1      | 98.2      | 98.2      | 98.3      | 98.4    |
| GE 600                | 95.0                        | 95.6    | 96.4    | 96.8    | 97.4    | 97.7        | 97.8    | 97.9        | 98.0        | 98.2    | 98.3      | 98.3      | 98.5      | 98.5      | 98.5      | 98.6    |
| GE 500                | 95.1                        | 95.9    | 96.6    | 97.1    | 97.7    | 98.0        | 98.2    | 98.4        | 98.5        | 98.7    | 98.8      | 98.8      | 99.0      | 99.0      | 99.2      | 99.3    |
| GE 400                | 95.1                        | 95.9    | 96.6    | 97.1    | 97.7    | 98.0        | 98.2    | 98.4        | 98.5        | 98.7    | 98.8      | 98.8      | 99.0      | 99.0      | 99.2      | 99.3    |
| GE 300                | 95.1                        | 95.9    | 96.7    | 97.1    | 97.8    | 98.1        | 98.3    | 98.5        | 98.6        | 98.8    | 99.0      | 99.0      | 99.2      | 99.2      | 99.3      | 99.5    |
| GE 200                | 95.1                        | 95.9    | 96.7    | 97.1    | 97.8    | 98.1        | 98.5    | 98.6        | 98.7        | 99.0    | 99.2      | 99.2      | 99.4      | 99.4      | 99.6      | 99.9    |
| GE 100                | 95.1                        | 95.9    | 96.7    | 97.1    | 97.8    | 98.1        | 98.5    | 98.6        | 98.7        | 99.0    | 99.2      | 99.2      | 99.4      | 99.4      | 99.6      | 100.0   |
| GE 000                | 95.1                        | 95.9    | 96.7    | 97.1    | 97.8    | 98.1        | 98.5    | 98.6        | 98.7        | 99.0    | 99.2      | 99.2      | 99.4      | 99.4      | 99.6      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS 4665

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL HOURS: ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |           |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|-----------|---------|
|                       | GE<br>7                     | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 1/2 | GE<br>2 | GE<br>1 1/2 | GE<br>1 1/4 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>3/8 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.2                        | 82.3    | 82.5    | 82.6    | 82.7    | 82.7        | 82.7    | 82.7        | 82.7        | 82.7    | 82.7      | 82.7      | 82.8      | 82.8      | 82.8      | 82.8    |
| GE 20000              | 87.8                        | 88.0    | 88.2    | 88.3    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.5      | 88.5      | 88.5      | 88.5      | 88.5      | 88.5    |
| GE 18000              | 88.3                        | 88.4    | 88.6    | 88.7    | 88.8    | 88.9        | 88.9    | 88.9        | 88.9        | 88.9    | 88.9      | 88.9      | 88.9      | 88.9      | 88.9      | 89.0    |
| GE 16000              | 88.4                        | 88.6    | 88.8    | 88.9    | 89.0    | 89.0        | 89.0    | 89.1        | 89.1        | 89.1    | 89.1      | 89.1      | 89.1      | 89.1      | 89.1      | 89.1    |
| GE 14000              | 89.9                        | 90.1    | 90.3    | 90.4    | 90.5    | 90.5        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6      | 90.6      | 90.6    |
| GE 12000              | 91.5                        | 91.6    | 91.9    | 92.0    | 92.1    | 92.1        | 92.1    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2      | 92.2      | 92.2    |
| GE 10000              | 93.5                        | 93.7    | 93.9    | 94.0    | 94.2    | 94.2        | 94.2    | 94.2        | 94.2        | 94.2    | 94.2      | 94.2      | 94.2      | 94.2      | 94.3      | 94.3    |
| GE 9000               | 93.7                        | 93.9    | 94.1    | 94.2    | 94.4    | 94.4        | 94.4    | 94.4        | 94.4        | 94.4    | 94.4      | 94.4      | 94.4      | 94.4      | 94.5      | 94.5    |
| GE 8000               | 94.6                        | 94.8    | 95.0    | 95.2    | 95.3    | 95.3        | 95.4    | 95.4        | 95.4        | 95.4    | 95.4      | 95.4      | 95.4      | 95.4      | 95.4      | 95.4    |
| GE 7000               | 94.9                        | 95.1    | 95.3    | 95.5    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7      | 95.7      | 95.7    |
| GE 6000               | 95.5                        | 95.7    | 95.9    | 96.1    | 96.2    | 96.2        | 96.2    | 96.2        | 96.3        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3      | 96.3      | 96.3    |
| GE 5000               | 96.3                        | 96.6    | 96.8    | 97.0    | 97.1    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2      | 97.2      | 97.3    |
| GE 4500               | 96.4                        | 96.6    | 96.9    | 97.1    | 97.2    | 97.3        | 97.3    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3      | 97.3      | 97.4    |
| GE 4000               | 97.4                        | 97.6    | 98.0    | 98.1    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4      | 98.4      | 98.4    |
| GE 3500               | 97.6                        | 97.8    | 98.1    | 98.3    | 98.5    | 98.5        | 98.5    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6      | 98.6      | 98.6    |
| GE 3000               | 98.2                        | 98.4    | 98.7    | 98.9    | 99.1    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.3      | 99.3      | 99.3      | 99.3      | 99.3      | 99.3    |
| GE 2500               | 98.2                        | 98.5    | 98.8    | 99.0    | 99.2    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.4      | 99.4      | 99.4      | 99.4      | 99.4      | 99.4    |
| GE 2000               | 98.3                        | 98.6    | 98.9    | 99.2    | 99.4    | 99.4        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.6    |
| GE 1800               | 98.3                        | 98.6    | 98.9    | 99.2    | 99.4    | 99.4        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5      | 99.5      | 99.6    |
| GE 1500               | 98.4                        | 98.7    | 99.0    | 99.3    | 99.5    | 99.5        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6      | 99.6      | 99.7    |
| GE 1200               | 98.4                        | 98.7    | 99.1    | 99.3    | 99.5    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.7    |
| GE 1000               | 98.5                        | 98.7    | 99.1    | 99.3    | 99.6    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 900                | 98.5                        | 98.7    | 99.1    | 99.3    | 99.6    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7      | 99.7      | 99.8    |
| GE 800                | 98.5                        | 98.7    | 99.1    | 99.4    | 99.6    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 700                | 98.5                        | 98.7    | 99.1    | 99.4    | 99.6    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 600                | 98.5                        | 98.7    | 99.1    | 99.4    | 99.6    | 99.7        | 99.7    | 99.7        | 99.7        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8      | 99.8      | 99.8    |
| GE 500                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 400                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 300                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 99.9    |
| GE 200                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 100                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |
| GE 000                | 98.5                        | 98.8    | 99.2    | 99.4    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9      | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 57983



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN HOURS: ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |              |
| 00-02          |                |           |        |          | 0            |
| 03-05          | 51.0           | 29.4      | 11.8   | 7.8      | 19.6         |
| 06-08          | 23.8           | 44.2      | 20.6   | 11.5     | 32.0         |
| 09-11          | 14.3           | 44.0      | 26.6   | 15.2     | 41.8         |
| 12-14          | 12.3           | 40.9      | 30.8   | 16.0     | 46.8         |
| 15-17          | 12.4           | 38.6      | 33.0   | 16.0     | 49.0         |
| 18-20          | 22.7           | 40.5      | 24.4   | 12.5     | 36.8         |
| 21-23          | 32.7           | 38.0      | 17.8   | 11.4     | 29.3         |
| ALL<br>HOURS   | 18.0           | 41.0      | 26.0   | 13.0     | 40.0         |

MONTH: FEB HOURS: ALL

|              |      |      |      |      |     |      |     |      |
|--------------|------|------|------|------|-----|------|-----|------|
| 00-02        |      |      |      |      |     |      |     | 0    |
| 03-05        | 35.7 | 45.2 | 11.9 | 7.1  |     | 19.0 | 2.4 | 42   |
| 06-08        | 17.2 | 43.8 | 25.1 | 12.6 | 1.2 | 39.0 | 4.4 | 847  |
| 09-11        | 11.1 | 38.9 | 31.4 | 18.0 | .6  | 50.1 | 5.1 | 849  |
| 12-14        | 8.2  | 40.4 | 32.2 | 19.2 |     | 51.4 | 2.4 | 849  |
| 15-17        | 9.0  | 37.3 | 32.5 | 21.0 | .2  | 53.7 | 2.1 | 847  |
| 18-20        | 16.8 | 40.2 | 26.2 | 16.4 | .4  | 42.9 | .8  | 843  |
| 21-23        | 28.1 | 33.8 | 22.8 | 14.9 | .4  | 38.1 | .7  | 281  |
| ALL<br>HOURS | 13.6 | 39.8 | 28.9 | 17.2 | .5  | 46.6 | 2.8 | 4558 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR HOURS: ALL

| HOURS<br>(LST) | CLEAR | SCATTERED | BROKEN | AIRWAY CLASSES<br>OVERCAST | TOTAL<br>OBSCURATION | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|-------|-----------|--------|----------------------------|----------------------|-----------|------------------------|--------------|
|                |       |           |        |                            |                      |           |                        |              |
| 00-02          |       |           |        |                            |                      |           |                        | 0            |
| 03-05          | 38.9  | 38.9      | 16.7   | 5.6                        |                      | 22.2      |                        | 18           |
| 06-08          | 16.8  | 49.3      | 21.0   | 12.8                       |                      | 33.9      | 1.1                    | 927          |
| 09-11          | 14.3  | 45.6      | 24.5   | 15.6                       |                      | 40.1      | .9                     | 930          |
| 12-14          | 10.3  | 43.8      | 27.3   | 18.6                       |                      | 45.9      | .6                     | 930          |
| 15-17          | 9.7   | 44.6      | 26.7   | 19.0                       |                      | 45.7      | .2                     | 930          |
| 18-20          | 18.0  | 43.9      | 23.3   | 14.9                       |                      | 38.1      | .4                     | 929          |
| 21-23          | 30.4  | 40.8      | 16.8   | 12.0                       |                      | 28.8      |                        | 309          |
| ALL<br>HOURS   | 14.0  | 45.0      | 24.0   | 15.0                       |                      | 39.0      | .0                     | 4973         |

MONTH: APR HOURS: ALL

|              |      |      |      |      |  |      |     |      |
|--------------|------|------|------|------|--|------|-----|------|
| 00-02        |      |      |      |      |  |      |     | 0    |
| 03-05        | 16.8 | 53.8 | 22.7 | 6.7  |  | 29.4 |     | 119  |
| 06-08        | 24.0 | 46.4 | 22.2 | 7.3  |  | 29.6 | .2  | 900  |
| 09-11        | 21.1 | 45.0 | 24.8 | 9.1  |  | 33.9 | .6  | 900  |
| 12-14        | 14.4 | 49.4 | 26.9 | 9.2  |  | 36.1 | .9  | 900  |
| 15-17        | 15.2 | 48.2 | 26.2 | 10.3 |  | 36.6 | 1.8 | 900  |
| 18-20        | 19.6 | 46.7 | 25.1 | 8.7  |  | 33.8 | 1.2 | 900  |
| 21-23        | 36.4 | 40.0 | 17.8 | 5.8  |  | 23.6 | .4  | 225  |
| ALL<br>HOURS | 19.6 | 47.0 | 24.6 | 8.7  |  | 33.4 | .9  | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY HOURS:ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|-----------|------------------------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |           |                        |              |
| 00-02          |                |           |        |          |           |                        | 0            |
| 03-05          | 22.8           | 60.6      | 14.0   | 2.6      | 16.6      | .3                     | 307          |
| 06-08          | 29.6           | 50.2      | 15.9   | 4.4      | 20.3      | .2                     | 927          |
| 09-11          | 24.8           | 54.0      | 16.9   | 4.3      | 21.2      | 1.2                    | 924          |
| 12-14          | 15.0           | 58.8      | 21.1   | 5.1      | 26.2      | 1.1                    | 925          |
| 15-17          | 14.8           | 57.4      | 22.3   | 5.5      | 27.9      | .5                     | 922          |
| 18-20          | 25.5           | 50.1      | 18.5   | 5.9      | 24.4      | .7                     | 918          |
| 21-23          | 61.9           | 28.6      | 9.5    |          | 9.5       |                        | 21           |
| ALL<br>HOURS   | 22.0           | 54.0      | 18.0   | 4.0      | 23.0      | .0                     | 4944         |

MONT: JUN HOURS: ALL

|              |      |      |      |     |      |    |      |
|--------------|------|------|------|-----|------|----|------|
| 00-02        |      |      |      |     |      |    | 0    |
| 03-05        | 38.4 | 48.1 | 11.1 | 2.4 | 13.5 | .7 | 297  |
| 06-08        | 46.2 | 40.2 | 11.3 | 2.2 | 13.6 | .6 | 900  |
| 09-11        | 38.9 | 47.0 | 10.9 | 3.2 | 14.1 | .1 | 900  |
| 12-14        | 29.6 | 53.3 | 13.0 | 4.1 | 17.1 | .3 | 900  |
| 15-17        | 33.1 | 50.0 | 14.3 | 2.6 | 16.9 | .9 | 900  |
| 18-20        | 40.7 | 47.1 | 10.9 | 1.3 | 12.2 | .2 | 900  |
| 21-23        | 60.5 | 34.9 | 4.7  |     | 4.7  |    | 43   |
| ALL<br>HOURS | 37.9 | 47.5 | 12.0 | 2.6 | 14.6 | .4 | 4840 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL HOURS:ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|-----------|------------------------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |           |                        |              |
| 00-02          |                |           |        |          |           |                        | 0            |
| 03-05          | 37.7           | 48.0      | 11.9   | 2.3      | 14.2      |                        | 302          |
| 06-08          | 45.2           | 39.3      | 13.8   | 1.8      | 15.5      |                        | 909          |
| 09-11          | 43.1           | 42.5      | 13.2   | 1.2      | 14.4      |                        | 909          |
| 12-14          | 31.4           | 53.9      | 14.0   | .8       | 14.7      | .2                     | 909          |
| 15-17          | 29.1           | 52.8      | 17.0   | 1.2      | 18.2      | .9                     | 908          |
| 18-20          | 37.6           | 48.9      | 11.3   | 2.2      | 13.5      | .5                     | 910          |
| 21-23          | 52.3           | 47.7      |        |          |           |                        | 44           |
| ALL<br>HOURS   | 37.0           | 47.0      | 13.0   | 1.0      | 15.0      | .0                     | 4891         |

MONTH: AUG HOURS: ALL

|              |      |      |      |     |      |    |      |
|--------------|------|------|------|-----|------|----|------|
| 00-02        |      |      |      |     |      |    | 0    |
| 03-05        | 35.6 | 53.1 | 8.7  | 2.6 | 11.3 |    | 309  |
| 06-08        | 38.9 | 48.7 | 9.7  | 2.7 | 12.4 |    | 930  |
| 09-11        | 31.2 | 57.2 | 8.9  | 2.7 | 11.6 | .1 | 930  |
| 12-14        | 19.9 | 65.6 | 11.8 | 2.7 | 14.5 |    | 930  |
| 15-17        | 21.7 | 61.1 | 15.2 | 2.0 | 17.2 | .9 | 930  |
| 18-20        | 31.2 | 55.2 | 11.7 | 1.9 | 13.7 | .5 | 930  |
| 21-23        | 67.5 | 30.0 | 2.5  |     | 2.5  |    | 40   |
| ALL<br>HOURS | 29.3 | 57.1 | 11.2 | 2.4 | 13.6 | .3 | 4999 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP HOURS:ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | TOTAL<br>OBSCURATION | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|----------------------|-----------|------------------------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |                      |           |                        |              |
| 00-02          |                |           |        |          |                      |           |                        | 0            |
| 03-05          | 46.8           | 43.4      | 6.4    | 3.4      |                      | 9.8       | .3                     | 295          |
| 06-08          | 41.4           | 42.4      | 14.0   | 2.1      |                      | 16.2      | .8                     | 891          |
| 09-11          | 35.1           | 46.0      | 15.9   | 2.9      |                      | 18.9      | .9                     | 885          |
| 12-14          | 22.2           | 57.8      | 15.6   | 4.3      |                      | 20.0      | 1.6                    | 882          |
| 15-17          | 22.6           | 55.1      | 19.1   | 3.2      |                      | 22.3      | 1.8                    | 884          |
| 18-20          | 35.9           | 48.5      | 14.3   | 1.2      |                      | 15.5      | 1.1                    | 888          |
| 21-23          | 44.7           | 47.4      | 7.9    |          |                      | 7.9       |                        | 38           |
| ALL<br>HOURS   | 32.0           | 49.0      | 15.0   | 2.0      |                      | 17.0      | 1.0                    | 4763         |

MONTH: OCT HOURS: ALL

|              |      |      |      |     |  |      |     |      |
|--------------|------|------|------|-----|--|------|-----|------|
| 00-02        |      |      |      |     |  |      |     | 0    |
| 03-05        | 57.6 | 30.8 | 9.1  | 2.5 |  | 11.6 | .7  | 276  |
| 06-08        | 33.2 | 45.3 | 16.9 | 4.6 |  | 21.5 | 2.5 | 930  |
| 09-11        | 29.5 | 45.2 | 19.8 | 5.6 |  | 25.4 | 2.7 | 930  |
| 12-14        | 26.3 | 45.7 | 21.4 | 6.6 |  | 28.0 | 1.3 | 930  |
| 15-17        | 25.5 | 46.8 | 20.6 | 7.1 |  | 27.7 | 1.2 | 930  |
| 18-20        | 35.7 | 42.1 | 17.0 | 5.2 |  | 22.2 | .9  | 929  |
| 21-23        | 39.0 | 41.6 | 13.0 | 6.5 |  | 19.5 | 1.3 | 77   |
| ALL<br>HOURS | 31.7 | 44.2 | 18.5 | 5.6 |  | 24.1 | 1.6 | 5002 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV HOURS:ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|-----------|------------------------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |           |                        |              |
| 00-02          |                |           |        |          |           |                        | 0            |
| 03-05          | 39.            | 35.9      | 20.3   | 4.7      | 25.0      | 1.6                    | 64           |
| 06-08          | 18.5           | 52.8      | 24.0   | 4.7      | 28.7      | 2.8                    | 870          |
| 09-11          | 14.8           | 50.9      | 25.1   | 9.2      | 34.3      | 2.4                    | 870          |
| 12-14          | 11.7           | 51.7      | 27.5   | 9.1      | 36.6      | 1.4                    | 870          |
| 15-17          | 9.3            | 53.4      | 30.5   | 6.8      | 37.2      | 1.4                    | 870          |
| 18-20          | 27.8           | 45.9      | 19.2   | 7.1      | 26.3      | .8                     | 870          |
| 21-23          | 33.7           | 44.8      | 14.2   | 7.3      | 21.5      | .7                     | 288          |
| ALL<br>HOURS   | 17.0           | 50.0      | 24.0   | 7.0      | 31.0      | 1.0                    | 4702         |

MONTH: DEC HOURS: ALL

|              |      |      |      |      |     |      |      |
|--------------|------|------|------|------|-----|------|------|
| 00-02        |      |      |      |      |     |      | 0    |
| 03-05        | 38.3 | 30.0 | 11.7 | 15.0 | 5.0 | 31.7 | 60   |
| 06-08        | 18.5 | 44.2 | 25.8 | 9.5  | 1.9 | 37.2 | 886  |
| 09-11        | 13.9 | 41.0 | 29.2 | 14.7 | 1.2 | 45.1 | 886  |
| 12-14        | 12.7 | 39.4 | 33.8 | 13.7 | .3  | 47.9 | 881  |
| 15-17        | 11.8 | 43.0 | 31.0 | 14.1 | .1  | 45.2 | 856  |
| 18-20        | 25.7 | 39.2 | 21.6 | 13.1 | .4  | 35.1 | 824  |
| 21-23        | 32.7 | 37.9 | 18.8 | 10.3 | .4  | 29.4 | 272  |
| ALL<br>HOURS | 17.7 | 41.0 | 27.6 | 12.9 | .8  | 41.3 | 4665 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL HOURS: ALL

| HOURS<br>(LST) | AIRWAY CLASSES |           |        |          | TOTAL<br>OBSCURATION | GT<br>1/2 | PARTIAL<br>OBSCURATION | TOTAL<br>OBS |
|----------------|----------------|-----------|--------|----------|----------------------|-----------|------------------------|--------------|
|                | CLEAR          | SCATTERED | BROKEN | OVERCAST |                      |           |                        |              |
| 00-02          |                |           |        |          |                      |           |                        | 0            |
| 03-05          | 38.4           | 46.6      | 11.4   | 3.5      | .1                   | 15.0      | .5                     | 2140         |
| 06-08          | 29.6           | 45.6      | 18.3   | 6.3      | .2                   | 24.8      | 1.6                    | 10807        |
| 09-11          | 24.5           | 46.5      | 20.5   | 8.4      | .1                   | 29.0      | 1.7                    | 10804        |
| 12-14          | 17.9           | 50.2      | 22.8   | 9.0      | .0                   | 31.9      | 1.1                    | 10797        |
| 15-17          | 17.9           | 49.1      | 23.9   | 9.0      | .0                   | 32.9      | 1.2                    | 10769        |
| 18-20          | 28.2           | 45.8      | 18.5   | 7.4      | .1                   | 26.0      | .7                     | 10732        |
| 21-23          | 34.8           | 39.3      | 16.5   | 9.3      | .1                   | 25.9      | .5                     | 1935         |
| ALL<br>HOURS   | 24.5           | 47.1      | 20.3   | 7.9      | .1                   | 28.3      | 1.2                    | 57984        |

|          |          |          |            |            |
|----------|----------|----------|------------|------------|
| PPPPPPPP | AAAAAA   | RRRRRRRR | TTTTTTTTTT | EEEEEEEEEE |
| PPPPPPPP | AAAAAAA  | 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 | AAAAAAAA | RRRRRRRR | TT         | EEEEEE     |
| PP       | AAAAAAAA | RR RR    | TT         | EE         |
| PP       | AA AA    | RR RR    | TT         | EE         |
| PP       | AA AA    | RR RR    | TT         | EEEEEEEEEE |
| PP       | AA AA    | RR RR    | TT         | EEEEEEEEEE |



## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

#### MONTHLY TEMPERATURES.

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

#### MEAN MONTHLY TEMPERATURE.

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

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

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

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 ONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| TEMP<br>(DEG-F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GE 110          |       |       |       |       |       | .4    | 1.2   | .7    |       |       |       |       | .2    |
| GE 105          |       |       |       |       | .1    | 3.3   | 11.9  | 7.7   | 2.2   |       |       |       | 2.1   |
| GE 100          |       |       |       | .1    | 1.2   | 17.4  | 47.0  | 36.5  | 11.9  | .3    |       |       | 9.7   |
| GE 95           |       |       |       | .4    | 6.2   | 35.7  | 78.2  | 68.6  | 35.5  | 2.7   |       |       | 19.2  |
| GE 90           |       |       |       | 3.9   | 21.8  | 60.6  | 93.6  | 87.9  | 59.3  | 12.8  |       |       | 28.6  |
| GE 85           |       |       | .4    | 12.1  | 42.8  | 76.9  | 98.8  | 96.0  | 77.8  | 26.5  | .3    |       | 36.3  |
| GE 80           | .1    | .7    | 4.4   | 28.7  | 60.0  | 87.3  | 99.8  | 98.8  | 88.6  | 51.6  | 4.5   | .1    | 44.0  |
| GE 75           | .7    | 5.3   | 15.5  | 46.4  | 73.1  | 94.3  | 100.0 | 99.7  | 94.5  | 69.5  | 16.0  | 1.0   | 51.6  |
| GE 70           | 4.4   | 16.8  | 33.0  | 61.3  | 83.8  | 98.4  |       | 100.0 | 98.3  | 83.7  | 33.2  | 5.4   | 60.1  |
| GE 65           | 17.4  | 35.0  | 51.2  | 74.3  | 93.1  | 99.7  |       |       | 99.9  | 93.2  | 54.1  | 17.4  | 69.7  |
| GE 60           | 38.4  | 57.0  | 69.2  | 87.2  | 98.2  | 100.0 |       |       | 100.0 | 98.1  | 74.7  | 37.8  | 80.1  |
| GE 55           | 61.3  | 77.3  | 86.4  | 95.4  | 99.6  |       |       |       |       | 99.6  | 89.4  | 64.5  | 89.5  |
| GE 50           | 81.2  | 92.4  | 96.1  | 99.5  | 100.0 |       |       |       |       | 99.9  | 97.0  | 83.6  | 95.8  |
| GE 45           | 93.5  | 98.4  | 99.3  | 99.9  |       |       |       |       |       | 100.0 | 99.6  | 94.7  | 98.8  |
| GE 40           | 98.0  | 99.6  | 100.0 | 100.0 |       |       |       |       |       |       | 99.7  | 98.7  | 99.7  |
| GE 35           | 99.5  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 99.7  | 99.9  |
| GE 33           | 99.7  |       |       |       |       |       |       |       |       |       |       | 99.9  | 100.0 |
| GE 30           | 99.9  |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0 |
| GE 25           | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0 |
| MEAN            | 56.6  | 61.1  | 64.7  | 72.4  | 80.9  | 90.7  | 98.4  | 96.8  | 90.4  | 78.9  | 65.4  | 57.1  | 76.2  |
| SD              | 8.05  | 8.18  | 8.93  | 10.43 | 10.12 | 8.96  | 5.51  | 6.18  | 8.39  | 8.99  | 8.55  | 7.70  | 16.99 |
| TOTAL OBS       | 1469  | 1335  | 1426  | 1378  | 1426  | 1410  | 1451  | 1457  | 1407  | 1457  | 1399  | 1435  | 17050 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| TEMP<br>(DEG-F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GE 80           |       |       |       |       | .1    |       | .3    | .1    | .1    |       |       |       | .0    |
| GE 75           |       |       |       |       | .1    | .5    | 5.0   | 2.3   | .3    |       |       |       | .7    |
| GE 70           |       |       |       |       | .3    | 3.8   | 26.5  | 22.2  | 3.1   |       |       |       | 4.7   |
| GE 65           |       |       |       |       | 2.0   | 17.4  | 57.7  | 47.4  | 15.6  | .2    | .1    |       | 11.9  |
| GE 60           |       |       |       | .4    | 9.7   | 48.3  | 85.5  | 76.2  | 38.7  | 2.6   | .2    |       | 22.1  |
| GE 55           | .2    | .2    | .6    | 5.0   | 31.0  | 75.5  | 98.5  | 94.2  | 64.8  | 13.4  | 1.1   | .1    | 32.4  |
| GE 50           | .8    | 1.9   | 4.4   | 21.2  | 63.0  | 94.3  | 99.9  | 99.5  | 87.7  | 36.9  | 5.4   | 1.3   | 43.3  |
| GE 45           | 4.8   | 10.3  | 18.8  | 49.6  | 86.3  | 99.2  | 100.0 | 100.0 | 97.4  | 63.7  | 15.8  | 5.4   | 54.5  |
| GE 40           | 14.6  | 25.5  | 47.2  | 77.1  | 97.5  | 100.0 |       |       | 99.6  | 84.7  | 34.2  | 13.2  | 66.3  |
| GE 35           | 31.5  | 48.6  | 73.8  | 94.0  | 99.9  |       |       |       | 99.9  | 96.0  | 57.6  | 28.1  | 77.5  |
| GE 33           | 39.2  | 59.1  | 83.7  | 97.3  | 99.9  |       |       |       | 100.0 | 97.7  | 68.2  | 36.2  | 81.8  |
| GE 30           | 52.8  | 75.2  | 92.8  | 99.6  | 100.0 |       |       |       |       | 99.5  | 80.8  | 53.7  | 87.8  |
| GE 25           | 79.1  | 92.1  | 98.7  | 100.0 |       |       |       |       |       | 99.9  | 93.7  | 79.6  | 95.2  |
| GE 20           | 93.3  | 98.9  | 99.9  |       |       |       |       |       |       | 100.0 | 99.1  | 94.8  | 98.8  |
| GE 15           | 98.1  | 99.9  | 100.0 |       |       |       |       |       |       |       | 99.9  | 99.1  | 99.7  |
| GE 10           | 99.8  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 99.8  | 100.0 |
| GE 5            | 99.9  |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0 |
| GE 0            | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0 |
| MEAN            | 30.8  | 34.5  | 38.8  | 44.3  | 51.4  | 58.9  | 65.6  | 64.1  | 57.4  | 46.8  | 36.4  | 30.7  | 46.7  |
| SD              | 7.96  | 7.27  | 6.40  | 6.20  | 6.22  | 6.01  | 5.55  | 5.96  | 6.80  | 6.94  | 7.78  | 7.60  | 13.96 |
| TOTAL OBS       | 1469  | 1335  | 1426  | 1378  | 1426  | 1410  | 1451  | 1457  | 1407  | 1457  | 1399  | 1435  | 17050 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| TEMP<br>(DEG-F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GE 95           |       |       |       |       |       |       | .1    |       |       |       |       |       | .0    |
| GE 90           |       |       |       |       |       | .9    | 5.4   | 2.5   | .3    |       |       |       | .8    |
| GE 85           |       |       |       |       | .2    | 6.9   | 33.0  | 25.2  | 5.0   |       |       |       | 6.0   |
| GE 80           |       |       |       |       | 2.6   | 26.3  | 71.1  | 60.5  | 22.0  | .1    |       |       | 15.4  |
| GE 75           |       |       |       | 1.0   | 13.3  | 57.0  | 94.3  | 86.9  | 48.8  | 4.2   |       |       | 25.7  |
| GE 70           |       |       |       | 6.3   | 37.2  | 78.2  | 99.3  | 97.2  | 75.7  | 17.4  | .2    |       | 34.6  |
| GE 65           |       | .1    | 1.2   | 22.9  | 61.2  | 91.8  | 100.0 | 99.8  | 92.0  | 40.6  | 1.2   | .1    | 42.9  |
| GE 60           | .5    | 3.0   | 12.1  | 46.8  | 80.5  | 98.3  |       | 100.0 | 98.4  | 71.9  | 9.5   | .8    | 52.1  |
| GE 55           | 3.9   | 15.1  | 34.7  | 69.8  | 93.3  | 99.9  |       |       | 99.9  | 89.9  | 31.7  | 4.3   | 62.1  |
| GE 50           | 18.2  | 41.1  | 64.4  | 87.9  | 99.3  | 100.0 |       |       | 100.0 | 97.3  | 59.9  | 17.6  | 73.9  |
| GE 45           | 47.7  | 70.2  | 88.0  | 98.2  | 100.0 |       |       |       |       | 99.7  | 84.4  | 47.5  | 86.3  |
| GE 40           | 76.2  | 91.9  | 98.5  | 99.9  |       |       |       |       |       | 99.9  | 96.8  | 79.1  | 95.1  |
| GE 35           | 92.2  | 98.7  | 99.9  | 100.0 |       |       |       |       |       | 100.0 | 99.5  | 94.4  | 98.7  |
| GE 33           | 95.2  | 99.6  | 100.0 |       |       |       |       |       |       |       | 99.6  | 97.6  | 99.3  |
| GE 30           | 98.0  | 99.9  |       |       |       |       |       |       |       |       | 99.8  | 99.2  | 99.7  |
| GE 25           | 99.7  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 99.9  | 100.0 |
| GE 20           | 100.0 |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0 |
| MEAN            | 43.9  | 48.0  | 51.9  | 58.6  | 66.4  | 74.9  | 82.2  | 80.6  | 74.0  | 63.0  | 51.1  | 44.1  | 61.6  |
| SD              | 6.38  | 6.08  | 6.08  | 7.22  | 7.39  | 6.90  | 4.73  | 5.25  | 6.56  | 6.67  | 6.50  | 5.96  | 14.89 |
| TOTAL OBS       | 1469  | 1335  | 1426  | 1378  | 1426  | 1410  | 1451  | 1457  | 1407  | 1457  | 1399  | 1435  | 17050 |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723819

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 42   | 69* | 70* | *   | *   | *   | 103 | 110 | 110 | 97  | 93  | 82  | 74  | 110*   |
| 43   | 83  | 76  | 80  | 91  | 101 | 100 | 109 | 105 | 102 | 98  | 80  | 68  | 109    |
| 44   | 69  | 73  | 79  | 83  | 90  | 104 | 101 | 111 | 107 | 89  | 77  | 67  | 111    |
| 45   | 72  | 77  | 80  | 92  | 98  | 105 | 112 | 106 | 105 | 93  | 81  | 67  | 112    |
| 46   | 76  | 76  | 80  | 94  | 95  | 99  | 102 | 107 | 101 | 85  | 72  | 69  | 107    |
| 47   | 70  | 77  | 82  | 93  | 100 | 100 | 108 | 103 | 105 | 97  | 76  | 68  | 108    |
| 48   | 78  | 74  | 73  | 90  | 94  | 106 | 106 | 108 | 107 | 94  | 80  | 70  | 108    |
| 49   | 58  | 71  | 74  | 97  | 98  | 105 | 107 | 106 | 106 | 94  | 84  | 76  | 107    |
| 50   | 74  | 79  | 82  | 94  | 105 | 108 | 109 | 111 | 109 | 99  | 85  | 77  | 111    |
| 51   | 73  | 80  | 82  | 90  | 103 | 104 | 106 | 106 | 104 | 92  | 78  | 62  | 106    |
| 52   |     |     |     | 84  | 100 | 97  | 105 | 104 | 102 | 97  | 78  | 68  | 105    |
| 53   |     |     |     | 81  | 86  | 105 | 107 | 105 | 103 | 94  | 79  | 67  | 107    |
| 54   |     |     |     |     | 102 | 111 | 107 | 104 | 98  | 95  | 77  | 63  | 111    |
|      |     |     |     |     | 95  | 105 | 105 | 106 | 109 | 92  | 83  | 73  | 109    |
|      |     |     |     |     | 93  | 112 | 104 | 105 | 102 | 91  | 81  | 70  | 112    |
|      |     |     |     | 84  | 95  | 107 | 106 | 106 | 101 | 84  | 71  | 70  | 107    |
| 58   |     |     |     | 89  | 96  | 102 | 108 | 105 | 105 | 96  | 82  | 84  | 108    |
| 59   |     |     | 79  | 92  | 93  | 107 | 110 | 105 | 101 | 95  | 76  | 69  | 110    |
| 60   | 65  | 72  | 84  | 91  | 99  | 105 | 112 | 107 | 102 | 90  | 83  | 66  | 112    |
| 61   | 71  | 75  | 80  | 94  | 89  | 112 | 113 | 104 | 96  | 90  | 76  | 63  | 113    |
| 62   | 72  | 71  | 81  | 90  | 88  | 101 | 104 | 109 | 100 | 92  | 80  | 70  | 109    |
| 63   | 63  | 78  | 75  | 83  | 94  | 98  | 104 | 104 | 99  | 93  | 74  | 67  | 104    |
| 64   | 65  | 67  | 79  | 89  | 91  | 104 | 105 | 103 | 96  | 96  | 74  | 72  | 105    |
| 65   | 75  | 75  | 73  | 90  | 93  | 97  | 103 | 104 | 95  | 95  | 80  | 61  | 104    |
| 66   | 60  | 64  | 87  | 92  | 95  | 102 | 106 | 112 | 101 | 88  | 82  | 67  | 112    |
| 67   | 68  | 74  | 80  | 71  | 100 | 105 | 107 | 105 | 95  | 92  | 83  | 63  | 107    |
| 68   | 70  | 76  | 83  | 84  | 97  | 103 | 112 | 100 | 100 | 86  | 76  | 61  | 112    |
| 69   | 76  | 63  | 84  | 84  | 100 | 99  | 106 | 107 | 103 | 92  | 79  | 72  | 107    |
| 70   | 72  | 73  | 81  | 82  | 96  | 106 | 108 | 108 | 101 | 93  | 77  | 69  | 108    |
| 71   | 82  | 78  | 82  | 83  | 90  | 101 | 106 | 108 | 106 | 96  | 77  | 58  | 108    |
| 72   | 67  | 80  | 86  | 84  | 97  | 108 | 112 | 104 | 98  | 86  | 74  | 71  | 112    |
| 73   | 65  | 67  | 66  | 88  | 97  | 105 | 107 | 104 | 95  | 86  | 79  | 70  | 107    |
| 74   | 67  | 70  | 77  | 84  | 100 | 103 | 105 | 102 | 100 | 94  | 78  | 68  | 105    |
| 75   | 75  | 74  | 75  | 74  | 96  | 101 | 110 | 106 | 102 | 92  | 80  | 73  | 110    |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 76   | 70  | 71  | 79  | 86  | 93  | 104 | 104 | 104 | 102 | 87  | 79  | 66  | 104    |
| 77   | 66  | 80  | 76  | 86  | 98  | 104 | 109 | 107 | 101 | 90  | 81  | 77  | 109    |
| 78   | 63  | 70  | 76  | 80  | 96  | 103 | 103 | 107 | 98  | 95  | 78  | 60  | 107    |
| 79   | 63  | 67  | 76  | 84  | 94  | 106 | 110 | 111 | 105 | 94  | 74  | 75  | 111    |
| 80   | 67  | 72  | 71  | 87  | 92  | 100 | 108 | 111 | 99  | 102 | 87  | 76  | 111    |
| 81   | 71  | 81  | 75  | 96  | 95  | 105 | 106 | 111 | 98  | 84  | 79  | 76  | 111    |
| 82   | 71  | 74  | 71  | 84  | 95  | 99  | 111 | 104 | 103 | 86  | 77  | 66  | 111    |
| 83   | 69  | 70  | 77  | 74  | 100 | 96  | 105 | 104 | 103 | 83  | 81  | 69  | 105    |
| 84   | 71  | 72  | 78  | 90  | 102 | 106 | 111 | 105 | 100 | 88  | 79  | 62  | 111    |
| 85   | 67  | 77  | 77  | 101 | 92  | 107 | 109 | 106 | 97  | 92  | 80  | 67  | 109    |
| 86   | 69  | 82  | 84  | 89  | 97  | 103 | 102 | 107 | 101 | 85  | 81  | 64  | 107    |
| 87   | 63  | 70  | 75  | 91  | 95  | 104 | 107 | 107 | 98  | 96  | 70  | 71  | 107    |
| 88   | 64  | 71  | 85  | 88  | 95  | 102 | 111 | 104 | 105 | 95  | 82  | 72  | 111    |
| 89   | 69  | 79  |     |     |     |     |     |     |     |     |     |     | 79*    |

|           |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| GREATEST  | 83   | 82   | 87   | 101  | 105  | 112  | 113  | 112  | 109  | 102  | 87   | 84   | 113   |
| TOTAL OBS | 1469 | 1325 | 1426 | 1378 | 1426 | 1410 | 1451 | 1457 | 1407 | 1457 | 1399 | 1435 | 17050 |

THE GREATEST VALUE OF 113 OCCURRED ON 07/11/61

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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 42   | 23* | 32* | *   | *   | *   | 51  | 63  | 49  | 44  | 35  | 27  | 23  | 23*    |
| 43   | 11  | 25  | 34  | 35  | 43  | 46  | 55  | 49  | 48  | 34  | 24  | 26  | 11     |
| 44   | 22  | 26  | 29  | 32  | 41  | 42  | 52  | 52  | 42  | 40  | 27  | 23  | 22     |
| 45   | 23  | 26  | 29  | 27  | 43  | 48  | 61  | 53  | 44  | 37  | 27  | 19  | 19     |
| 46   | 18  | 19  | 30  | 35  | 45  | 53  | 60  | 57  | 50  | 32  | 25  | 26  | 18     |
| 47   | 21  | 29  | 32  | 37  | 47  | 53  | 58  | 50  | 44  | 39  | 18  | 18  | 18     |
| 48   | 16  | 19  | 25  | 36  | 40  | 48  | 50  | 54  | 34  | 33  | 22  | 15  | 15     |
| 49   | 10  | 16  | 30  | 36  | 47  | 50  | 56  | 51  | 46  | 33  | 33  | 17  | 10     |
| 50   | 12  | 21  | 24  | 32  | 38  | 44  | 64  | 55  | 42  | 37  | 20  | 25  | 12     |
| 51   | 19  | 24  | 29  | 33  | 41  | 50  | 58  | 55  | 53  | 38  | 27  | 22  | 19     |
| 52   | 19  | 28  | 27  | 36  | 44  | 47  | 58  | 57  | 48  | 41  | 23  | 26  | 19     |
| 53   | 23  | 18  | 21  | 32  | 39  | 45  | 57  | 53  | 47  | 33  | 25  | 15  | 15     |
| 54   | 19  | 30  | 23  | 36  | 36  | 46  | 60  | 52  | 49  | 32  | 23  | 17  | 17     |
| 55   | 25  | 19  | 27  | 34  | 39  | 45  | 56  | 56  | 45  | 37  | 22  | 20  | 19     |
| 56   | 24  | 20  | 28  | 33  | 37  | 53  | 55  | 52  | 47  | 30  | 19  | 9   | 9      |
| 57   | 14  | 21  | 26  | 34  | 41  | 50  | 51  | 47  | 46  | 40  | 17  | 20  | 14     |
| 58   | 17  | 29  | 27  | 34  | 40  | 44  | 56  | 60  | 42  | 32  | 16  | 17  | 16     |
| 59   | 15  | 21  | 30  | 42  | 41  | 53  | 55  | 48  | 42  | 38  | 21  | 17  | 15     |
| 60   | 13  | 20  | 32  | 35  | 41  | 53  | 61  | 50  | 46  | 35  | 24  | 20  | 13     |
| 61   | 14  | 25  | 24  | 35  | 42  | 46  | 55  | 57  | 46  | 32  | 21  | 22  | 14     |
| 62   | 18  | 21  | 26  | 37  | 42  | 48  | 57  | 54  | 47  | 36  | 24  | 8   | 8      |
| 63   | 4   | 32  | 23  | 31  | 40  | 49  | 56  | 52  | 53  | 40  | 26  | 18  | 4      |
| 64   | 15  | 17  | 22  | 33  | 38  | 44  | 55  | 55  | 45  | 40  | 13  | 18  | 13     |
| 65   | 18  | 14  | 25  | 34  | 37  | 44  | 52  | 55  | 42  | 34  | 30  | 20  | 14     |
| 66   | 17  | 19  | 22  | 30  | 41  | 48  | 56  | 57  | 45  | 28  | 24  | 16  | 16     |
| 67   | 18  | 20  | 26  | 31  | 32  | 41  | 62  | 62  | 48  | 35  | 32  | 23  | 18     |
| 68   | 17  | 26  | 25  | 29  | 36  | 48  | 55  | 48  | 40  | 33  | 21  | 7   | 7      |
| 69   | 21  | 28  | 26  | 32  | 42  | 50  | 53  | 53  | 49  | 30  | 21  | 16  | 16     |
| 70   | 12  | 23  | 30  | 31  | 38  | 48  | 58  | 62  | 42  | 26  | 25  | 27  | 12     |
| 71   | 18  | 16  | 19  | 30  | 38  | 43  | 58  | 56  | 39  | 20  | 24  | 18  | 16     |
| 72   | 14  | 14  | 27  | 30  | 39  | 46  | 54  | 53  | 41  | 27  | 26  | 10  | 10     |
| 73   | 11  | 30  | 31  | 34  | 37  | 51  | 56  | 47  | 43  | 32  | 24  | 19  | 11     |
| 74   | 13  | 20  | 24  | 30  | 37  | 49  | 53  | 53  | 50  | 38  | 22  | 18  | 13     |
| 75   | 15  | 18  | 27  | 29  | 36  | 47  | 53  | 53  | 51  | 29  | 21  | 14  | 14     |



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 76        | 12   | 24   | 25   | 30   | 44   | 47   | 57   | 51   | 49   | 31   | 19   | 15   | 12     |
| 77        | 22   | 26   | 25   | 31   | 40   | 50   | 56   | 59   | 47   | 39   | 28   | 30   | 22     |
| 78        | 28   | 33   | 36   | 35   | 36   | 52   | 52   | 51   | 39   | 39   | 24   | 13   | 13     |
| 79        | 19   | 22   | 30   | 35   | 41   | 47   | 56   | 55   | 46   | 31   | 22   | 17   | 17     |
| 80        | 24   | 26   | 31   | 36   | 40   | 49   | 56   | 52   | 47   | 32   | 21   | 21   | 21     |
| 81        | 24   | 27   | 34   | 39   | 40   | 48   | 61   | 57   | 49   | 35   | 31   | 27   | 24     |
| 82        | 23   | 28   | 30   | 34   | 42   | 48   | 55   | 56   | 37   | 35   | 27   | 20   | 20     |
| 83        | 21   | 29   | 31   | 30   | 35   | 48   | 47   | 54   | 51   | 44   | 21   | 26   | 21     |
| 84        | 22   | 23   | 29   | 30   | 41   | 49   | 61   | 59   | 46   | 34   | 28   | 20   | 20     |
| 85        | 23   | 20   | 24   | 39   | 43   | 49   | 57   | 53   | 40   | 32   | 26   | 21   | 20     |
| 86        | 24   | 23   | 34   | 32   | 40   | 53   | 54   | 60   | 39   | 34   | 28   | 22   | 22     |
| 87        | 16   | 23   | 26   | 36   | 44   | 54   | 51   | 52   | 52   | 44   | 26   | 21   | 16     |
| 88        | 25   | 25   | 23   | 29   | 35   | 44   | 62   | 51   | 47   | 43   | 22   | 18   | 18     |
| 89        | 20   | 19   |      |      |      |      |      |      |      |      |      |      | 19*    |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |
| LEAST     | 4    | 14   | 19   | 27   | 32   | 41   | 47   | 47   | 34   | 20   | 13   | 7    | 4      |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |
| TOTAL OBS | 1469 | 1335 | 1426 | 1378 | 1426 | 1410 | 1451 | 1457 | 1407 | 1457 | 1399 | 1435 | 17050  |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |

THE LEAST VALUE OF 4 OCCURRED ON 01/13/63

NOTE: \*THE VALUE IS BASED ON A MCNTH 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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 42   | 45* | 52* | *   | *   | *   | 75  | 85  | 82  | 72  | 64  | 54  | 48  | 66*    |
| 43   | 45  | 49  | 55  | 62  | 69  | 70  | 81  | 79  | 76  | 64  | 51  | 45  | 62     |
| 44   | 43  | 44  | 52  | 56  | 65  | 68  | 78  | 80  | 75  | 64  | 50  | 44  | 60     |
| 45   | 45  | 48  | 48  | 58  | 65  | 73  | 85  | 81  | 76  | 64  | 51  | 44  | 62     |
| 46   | 45  | 46  | 51  | 63  | 66  | 75  | 82  | 82  | 75  | 59  | 48  | 47  | 62     |
| 47   | 43  | 51  | 56  | 61  | 71  | 74  | 81  | 78  | 77  | 64  | 48  | 43  | 62     |
| 48   | 46  | 46  | 47  | 58  | 65  | 74  | 80  | 79  | 75  | 63  | 50  | 42  | 60     |
| 49   | 33  | 42  | 49  | 64  | 65  | 77  | 82  | 78  | 76  | 61  | 57  | 43  | 61     |
| 50   | 41  | 51  | 54  | 64  | 67  | 73  | 83  | 82  | 73  | 67  | 57  | 51  | 64     |
| 51   | 45  | 48  | 54  | 60  | 68  | 75  | 84  | 81  | 78  | 64  | 51  | 43  | 63     |
| 52   | 41  | 48  | 47  | 59  | 71  | 70  | 83  | 83  | 76  | 69  | 49  | 44  | 62     |
| 53   | 49  | 46  | 53  | 58  | 60  | 71  | 86  | 79  | 77  | 63  | 54  | 43  | 62     |
| 54   | 45  | 53  | 51  | 65  | 72  | 75  | 85  | 78  | 75  | 65  | 54  | 43  | 63     |
| 55   | 41  | 43  | 53  | 56  | 64  | 74  | 80  | 85  | 77  | 66  | 52  | 48  | 62     |
| 56   | 49  | 46  | 55  | 59  | 66  | 77  | 81  | 78  | 77  | 60  | 49  | 43  | 62     |
| 57   | 40  | 53  | 54  | 58  | 63  | 78  | 81  | 80  | 73  | 59  | 48  | 45  | 61     |
| 58   | 45  | 51  | 48  | 58  | 69  | 73  | 80  | 84  | 75  | 66  | 50  | 47  | 62     |
| 59   | 47  | 45  | 55  | 64  | 65  | 79  | 87  | 81  | 73  | 66  | 52  | 44  | 63     |
| 60   | 41  | 46  | 57  | 61  | 67  | 82  | 85  | 81  | 77  | 63  | 50  | 43  | 63     |
| 61   | 44  | 49  | 54  | 61  | 65  | 81  | 85  | 81  | 71  | 61  | 48  | 43  | 62     |
| 62   | 43  | 47  | 48  | 63  | 62  | 74  | 80  | 81  | 74  | 62  | 52  | 44  | 61     |
| 63   | 41  | 55  | 51  | 53  | 67  | 71  | 81  | 78  | 74  | 64  | 50  | 43  | 61     |
| 64   | 41  | 42  | 49  | 56  | 63  | 73  | 82  | 81  | 72  | 68  | 46  | 47  | 60     |
| 65   | 46  | 47  | 51  | 57  | 64  | 70  | 80  | 81  | 65  | 66  | 53  | 41  | 60     |
| 66   | 40  | 42  | 53  | 60  | 68  | 75  | 82  | 85  | 75  | 62  | 51  | 42  | 61     |
| 67   | 44  | 47  | 52  | 48  | 65  | 71  | 85  | 85  | 74  | 64  | 55  | 40  | 61     |
| 68   | 42  | 52  | 51  | 57  | 66  | 76  | 82  | 76  | 72  | 62  | 51  | 38  | 60     |
| 69   | 47  | 44  | 50  | 58  | 69  | 73  | 82  | 84  | 76  | 53  | 51  | 45  | 61     |
| 70   | 45  | 50  | 52  | 54  | 68  | 75  | 85  | 84  | 71  | 61  | 52  | 43  | 62     |
| 71   | 43  | 47  | 53  | 56  | 61  | 74  | 83  | 83  | 74  | 57  | 50  | 41  | 60     |
| 72   | 42  | 49  | 59  | 59  | 66  | 75  | 83  | 80  | 71  | 59  | 49  | 41  | 61     |
| 73   | 42  | 49  | 48  | 58  | 70  | 77  | 81  | 79  | 69  | 59  | 48  | 43  | 60     |
| 74   | 40  | 45  | 52  | 56  | 68  | 78  | 81  | 79  | 78  | 63  | 50  | 42  | 61     |
| 75   | 43  | 46  | 49  | 51  | 66  | 75  | 80  | 79  | 76  | 60  | 50  | 45  | 60     |

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4201-8902  
MONTH: ALL HOURS: ALL

| YEAR      | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 76        | 43   | 48   | 49   | 54   | 68   | 73   | 81   | 74   | 70   | 61   | 51   | 40   | 59     |
| 77        | 43   | 51   | 47   | 62   | 60   | 78   | 82   | 81   | 72   | 65   | 53   | 51   | 62     |
| 78        | 47   | 50   | 55   | 56   | 66   | 77   | 80   | 79   | 70   | 66   | 48   | 38   | 62     |
| 79        | 41   | 44   | 51   | 59   | 68   | 77   | 83   | 81   | 79   | 66   | 50   | 46   | 62     |
| 80        | 51   | 53   | 51   | 58   | 62   | 73   | 84   | 80   | 74   | 65   | 55   | 50   | 63     |
| 81        | 50   | 51   | 53   | 63   | 68   | 81   | 84   | 85   | 77   | 60   | 56   | 52   | 65     |
| 82        | 46   | 51   | 50   | 58   | 67   | 73   | 81   | 81   | 72   | 61   | 50   | 43   | 61     |
| 83        | 45   | 49   | 53   | 52   | 66   | 73   | 77   | 79   | 78   | 64   | 52   | 48   | 61     |
| 84        | 46   | 48   | 56   | 58   | 73   | 75   | 85   | 82   | 77   | 59   | 50   | 42   | 63     |
| 85        | 44   | 47   | 51   | 64   | 66   | 79   | 84   | 79   | 68   | 62   | 51   | 45   | 62     |
| 86        | 49   | 52   | 57   | 59   | 69   | 78   | 78   | 84   | 68   | 61   | 53   | 44   | 63     |
| 87        | 42   | 48   | 52   | 63   | 67   | 78   | 78   | 80   | 74   | 66   | 51   | 42   | 62     |
| 88        | 45   | 50   | 54   | 59   | 66   | 76   | 85   | 80   | 73   | 67   | 54   | 46   | 63     |
| 89        | 43   | 47   |      |      |      |      |      |      |      |      |      |      | 45*    |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |
| MEAN      | 43.9 | 48.0 | 51.9 | 58.6 | 66.4 | 74.9 | 82.2 | 80.6 | 74.0 | 63.0 | 51.1 | 44.1 | 61.6   |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |
| TOTAL OBS | 1469 | 1335 | 1426 | 1378 | 1426 | 1410 | 1451 | 1457 | 1407 | 1457 | 1399 | 1435 | 17050  |
| .....     |      |      |      |      |      |      |      |      |      |      |      |      |        |

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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO TC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 33.2 | 6.145                 | 49           | 0                                            | 27    | 0     | 0     | 0     | 49             |
| 06-08        | 35.3 | 7.413                 | 890          | 0                                            | 352   | 0     | 0     | 0     | 890            |
| 09-11        | 45.5 | 6.668                 | 891          | 0                                            | 22    | 1     | 0     | 0     | 891            |
| 12-14        | 55.0 | 6.018                 | 891          | 0                                            | 0     | 42    | 0     | 0     | 891            |
| 15-17        | 56.1 | 6.646                 | 891          | 0                                            | 0     | 99    | 0     | 0     | 891            |
| 18-20        | 47.3 | 5.847                 | 891          | 0                                            | 7     | 0     | 0     | 0     | 891            |
| 21-23        | 43.0 | 5.778                 | 297          | 0                                            | 12    | 0     | 0     | 0     | 297            |
| ALL<br>HOURS | 47.4 | 9.86                  | 4800         | 0                                            | 430   | 142   | 0     | 0     | 4800           |

MONTH: FEB

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 35.0 | 8.356                 | 42           | 0                                            | 21    | 0     | 0     | 0     | 42             |
| 06-08        | 39.2 | 8.021                 | 847          | 0                                            | 197   | 0     | 0     | 0     | 847            |
| 09-11        | 50.5 | 7.922                 | 849          | 0                                            | 10    | 26    | 0     | 0     | 849            |
| 12-14        | 59.3 | 8.318                 | 849          | 0                                            | 0     | 243   | 2     | 0     | 849            |
| 15-17        | 60.2 | 8.814                 | 846          | 0                                            | 0     | 281   | 8     | 0     | 846            |
| 18-20        | 51.7 | 7.404                 | 843          | 0                                            | 3     | 32    | 0     | 0     | 843            |
| 21-23        | 47.3 | 6.648                 | 281          | 0                                            | 3     | 0     | 0     | 0     | 281            |
| ALL<br>HOURS | 51.7 | 11.036                | 4557         | 0                                            | 234   | 582   | 10    | 0     | 4557           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 40.8 | 6.050                 | 15           | 0                                            | 1     | 0     | 0     | 0     | 15             |
| 06-08        | 44.1 | 6.887                 | 927          | 0                                            | 41    | 1     | 0     | 0     | 927            |
| 09-11        | 55.4 | 6.822                 | 930          | 0                                            | 0     | 85    | 0     | 0     | 930            |
| 12-14        | 61.8 | 8.009                 | 930          | 0                                            | 0     | 346   | 13    | 0     | 930            |
| 15-17        | 62.1 | 8.786                 | 930          | 0                                            | 0     | 384   | 18    | 0     | 930            |
| 18-20        | 54.7 | 7.265                 | 929          | 0                                            | 0     | 85    | 0     | 0     | 929            |
| 21-23        | 50.5 | 5.835                 | 309          | 0                                            | 0     | 2     | 0     | 0     | 309            |
| ALL<br>HOURS | 55.3 | 9.849                 | 4970         | 0                                            | 42    | 903   | 31    | 0     | 4970           |

MONTH: APR

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 47.3 | 6.206                 | 119          | 0                                            | 0     | 0     | 0     | 0     | 119            |
| 06-08        | 51.3 | 7.518                 | 900          | 0                                            | 3     | 40    | 0     | 0     | 900            |
| 09-11        | 64.1 | 8.770                 | 900          | 0                                            | 0     | 423   | 39    | 1     | 900            |
| 12-14        | 70.6 | 9.706                 | 900          | 0                                            | 0     | 626   | 188   | 5     | 900            |
| 15-17        | 70.2 | 10.215                | 900          | 0                                            | 0     | 601   | 190   | 8     | 900            |
| 18-20        | 61.9 | 8.915                 | 900          | 0                                            | 0     | 342   | 28    | 1     | 900            |
| 21-23        | 55.8 | 6.280                 | 225          | 0                                            | 0     | 20    | 0     | 0     | 225            |
| ALL<br>HOURS | 62.9 | 11.591                | 4844         | 0                                            | 3     | 2052  | 445   | 15    | 4844           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 52.7 | 6.793                 | 307          | 0                                            | 0     | 11    | 1     | 0     | 307            |
| 06-08        | 60.6 | 8.356                 | 927          | 0                                            | 0     | 289   | 10    | 0     | 927            |
| 09-11        | 73.1 | 9.112                 | 924          | 0                                            | 0     | 746   | 251   | 5     | 924            |
| 12-14        | 79.2 | 9.884                 | 925          | 0                                            | 0     | 850   | 489   | 65    | 925            |
| 15-17        | 78.6 | 10.388                | 922          | 0                                            | 0     | 816   | 472   | 68    | 922            |
| 18-20        | 70.1 | 9.719                 | 918          | 0                                            | 0     | 640   | 172   | 4     | 918            |
| 21-23        | 67.1 | 7.644                 | 21           | 0                                            | 0     | 12    | 0     | 0     | 21             |
| ALL<br>HOURS | 71.1 | 12.332                | 4944         | 0                                            | 0     | 3364  | 1395  | 142   | 4944           |

MONTH: JUN

|              |      |        |      |   |   |      |      |     |      |
|--------------|------|--------|------|---|---|------|------|-----|------|
| 00-02        | .0   | .000   | 0    | 0 | 0 | 0    | 0    | 0   | 0    |
| 03-05        | 60.5 | 5.620  | 297  | 0 | 0 | 77   | 0    | 0   | 297  |
| 06-08        | 69.7 | 7.707  | 900  | 0 | 0 | 653  | 96   | 0   | 900  |
| 09-11        | 83.0 | 7.925  | 900  | 0 | 0 | 885  | 619  | 99  | 900  |
| 12-14        | 89.7 | 8.022  | 900  | 0 | 0 | 900  | 789  | 347 | 900  |
| 15-17        | 89.1 | 8.282  | 900  | 0 | 0 | 898  | 777  | 340 | 900  |
| 18-20        | 79.8 | 8.202  | 900  | 0 | 0 | 864  | 485  | 53  | 900  |
| 21-23        | 72.3 | 7.174  | 43   | 0 | 0 | 38   | 7    | 0   | 43   |
| ALL<br>HOURS | 80.8 | 11.843 | 4840 | 0 | 0 | 4315 | 2773 | 839 | 4840 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN | NUMBER OF HOURS WITH TEMPERATURES DEG F | TOTAL |       |       |       |
|--------------|------|-----------------------|--------------|------|-----------------------------------------|-------|-------|-------|-------|
|              |      |                       |              | LE 0 | LE 32                                   | GE 65 | GE 80 | GE 93 | HOURS |
| 00-02        | .0   | .000                  | 0            | 0    | 0                                       | 0     | 0     | 0     | 0     |
| 03-05        | 65.7 | 6.025                 | 302          | 0    | 0                                       | 171   | 3     | 0     | 302   |
| 06-08        | 74.0 | 7.293                 | 909          | 0    | 0                                       | 822   | 221   | 0     | 909   |
| 09-11        | 87.8 | 6.808                 | 909          | 0    | 0                                       | 909   | 800   | 233   | 909   |
| 12-14        | 95.1 | 6.625                 | 909          | 0    | 0                                       | 909   | 890   | 615   | 909   |
| 15-17        | 94.9 | 6.953                 | 908          | 0    | 0                                       | 908   | 892   | 599   | 908   |
| 18-20        | 85.4 | 7.138                 | 910          | 0    | 0                                       | 908   | 721   | 150   | 910   |
| 21-23        | 77.9 | 5.864                 | 44           | 0    | 0                                       | 43    | 20    | 0     | 44    |
| ALL<br>HOURS | 86.0 | 11.422                | 4891         | 0    | 0                                       | 4670  | 3547  | 1597  | 4891  |

MONTH: AUG

|              |      |        |      |   |   |      |      |      |      |
|--------------|------|--------|------|---|---|------|------|------|------|
| 00-02        | .0   | .000   | 0    | 0 | 0 | 0    | 0    | 0    | 0    |
| 03-05        | 65.7 | 5.659  | 309  | 0 | 0 | 174  | 1    | 0    | 309  |
| 06-08        | 72.2 | 7.110  | 930  | 0 | 0 | 795  | 156  | 0    | 930  |
| 09-11        | 86.4 | 6.434  | 930  | 0 | 0 | 930  | 793  | 167  | 930  |
| 12-14        | 93.9 | 6.237  | 930  | 0 | 0 | 930  | 913  | 567  | 930  |
| 15-17        | 94.1 | 6.440  | 930  | 0 | 0 | 930  | 907  | 588  | 930  |
| 18-20        | 84.3 | 6.678  | 930  | 0 | 0 | 928  | 714  | 98   | 930  |
| 21-23        | 76.6 | 4.008  | 40   | 0 | 0 | 40   | 10   | 0    | 40   |
| ALL<br>HOURS | 84.8 | 11.282 | 4999 | 0 | 0 | 4727 | 3494 | 1420 | 4999 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 59.3 | 6.795                 | 295          | 0                                            | 0     | 75    | 0     | 0     | 295            |
| 06-08        | 63.9 | 8.164                 | 891          | 0                                            | 0     | 433   | 19    | 0     | 891            |
| 09-11        | 78.6 | 8.756                 | 885          | 0                                            | 0     | 825   | 437   | 38    | 885            |
| 12-14        | 86.9 | 9.378                 | 882          | 0                                            | 0     | 867   | 695   | 300   | 882            |
| 15-17        | 86.9 | 9.777                 | 884          | 0                                            | 0     | 866   | 690   | 288   | 884            |
| 18-20        | 77.1 | 9.253                 | 888          | 0                                            | 0     | 786   | 385   | 30    | 888            |
| 21-23        | 71.9 | 8.017                 | 38           | 0                                            | 0     | 32    | 7     | 0     | 38             |
| ALL<br>HOURS | 77.4 | 12.970                | 4763         | 0                                            | 0     | 3884  | 2233  | 656   | 4763           |

MONTH: OCT

|              |      |        |      |   |   |      |     |    |      |
|--------------|------|--------|------|---|---|------|-----|----|------|
| 00-02        | .0   | .000   | 0    | 0 | 0 | 0    | 0   | 0  | 0    |
| 03-05        | 49.5 | 6.928  | 276  | 0 | 0 | 1    | 0   | 0  | 276  |
| 06-08        | 52.2 | 7.718  | 930  | 0 | 2 | 50   | 0   | 0  | 930  |
| 09-11        | 67.1 | 7.776  | 930  | 0 | 0 | 553  | 64  | 0  | 930  |
| 12-14        | 76.0 | 8.516  | 930  | 0 | 0 | 848  | 303 | 38 | 930  |
| 15-17        | 75.9 | 9.238  | 930  | 0 | 0 | 825  | 316 | 49 | 930  |
| 18-20        | 65.7 | 7.649  | 929  | 0 | 0 | 503  | 45  | 0  | 929  |
| 21-23        | 59.8 | 6.403  | 77   | 0 | 0 | 20   | 0   | 0  | 77   |
| ALL<br>HOURS | 66.3 | 12.421 | 5002 | 0 | 2 | 2800 | 728 | 87 | 5002 |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF<br>LE 0 | LE 32 | HOURS WITH<br>GE 65 | TEMPERATURES<br>GE 80 | DEG F<br>GE 93 | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|------------------------|-------|---------------------|-----------------------|----------------|----------------|
| 00-02        | .0   | .000                  | 0            | 0                      | 0     | 0                   | 0                     | 0              | 0              |
| 03-05        | 40.6 | 7.985                 | 60           | 0                      | 13    | 0                   | 0                     | 0              | 60             |
| 06-08        | 42.0 | 9.194                 | 870          | 0                      | 154   | 8                   | 0                     | 0              | 870            |
| 09-11        | 54.3 | 8.477                 | 870          | 0                      | 0     | 103                 | 0                     | 0              | 870            |
| 12-14        | 62.8 | 8.274                 | 870          | 0                      | 0     | 353                 | 21                    | 0              | 870            |
| 15-17        | 62.1 | 8.591                 | 870          | 0                      | 0     | 313                 | 21                    | 0              | 870            |
| 18-20        | 52.8 | 7.256                 | 870          | 0                      | 0     | 48                  | 0                     | 0              | 870            |
| 21-23        | 48.9 | 7.017                 | 288          | 0                      | 2     | 1                   | 0                     | 0              | 288            |
| ALL<br>HOURS | 54.3 | 11.235                | 4698         | 0                      | 169   | 826                 | 42                    | 0              | 4698           |

MONTH: DEC

|              |      |        |      |   |     |     |   |   |      |
|--------------|------|--------|------|---|-----|-----|---|---|------|
| 00-02        | .0   | .000   | 0    | 0 | 0   | 0   | 0 | 0 | 0    |
| 03-05        | 34.4 | 6.864  | 58   | 0 | 24  | 0   | 0 | 0 | 58   |
| 06-08        | 35.3 | 7.540  | 886  | 0 | 352 | 0   | 0 | 0 | 886  |
| 09-11        | 45.5 | 7.646  | 886  | 0 | 35  | 7   | 0 | 0 | 886  |
| 12-14        | 54.8 | 8.040  | 881  | 0 | 2   | 91  | 0 | 0 | 881  |
| 15-17        | 55.1 | 8.070  | 856  | 0 | 1   | 111 | 0 | 0 | 856  |
| 18-20        | 46.3 | 6.573  | 824  | 0 | 17  | 0   | 0 | 0 | 824  |
| 21-23        | 42.4 | 6.224  | 272  | 0 | 13  | 0   | 0 | 0 | 272  |
| ALL<br>HOURS | 46.9 | 10.506 | 4663 | 0 | 444 | 209 | 0 | 0 | 4663 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 0                                         | LE 32 | GE 65 | GE 80 | GE 93 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 56.0 | 11.203                | 2129         | 0                                            | 86    | 509   | 5     | 0     | 2129           |
| 06-08        | 53.5 | 15.813                | 10807        | 0                                            | 1111  | 3091  | 502   | 0     | 10807          |
| 09-11        | 66.1 | 16.950                | 10804        | 0                                            | 67    | 5493  | 3003  | 543   | 10804          |
| 12-14        | 73.9 | 16.623                | 10797        | 0                                            | 2     | 7005  | 4303  | 1937  | 10797          |
| 15-17        | 74.0 | 16.605                | 10767        | 0                                            | 1     | 7032  | 4291  | 1940  | 10767          |
| 18-20        | 65.1 | 15.784                | 10732        | 0                                            | 27    | 5136  | 2550  | 336   | 10732          |
| 21-23        | 50.7 | 10.972                | 1935         | 0                                            | 30    | 208   | 44    | 0     | 1935           |
| ALL<br>HOURS | 65.6 | 17.936                | 57971        | 0                                            | 1324  | 28474 | 14698 | 4756  | 57971          |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF<br>LE 32 | GE 50 | HOURS WITH<br>GE 67 | TEMPERATURES<br>GE 73 | DEG F<br>GE 80 | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|-------------------------|-------|---------------------|-----------------------|----------------|----------------|
| 00-02        | .0   | .000                  | 0            | 0                       | 0     | 0                   | 0                     | 0              | 0              |
| 03-05        | 30.2 | 6.182                 | 49           | 35                      | 0     | 0                   | 0                     | 0              | 49             |
| 06-08        | 32.2 | 7.229                 | 890          | 518                     | 12    | 0                   | 0                     | 0              | 890            |
| 09-11        | 39.0 | 6.107                 | 891          | 131                     | 44    | 0                   | 0                     | 0              | 891            |
| 12-14        | 43.9 | 5.216                 | 891          | 15                      | 118   | 0                   | 0                     | 0              | 891            |
| 15-17        | 44.3 | 5.035                 | 891          | 13                      | 135   | 0                   | 0                     | 0              | 891            |
| 18-20        | 40.1 | 5.582                 | 891          | 74                      | 38    | 0                   | 0                     | 0              | 891            |
| 21-23        | 37.5 | 6.113                 | 297          | 60                      | 10    | 0                   | 0                     | 0              | 297            |
| ALL<br>HOURS | 39.7 | 7.348                 | 4800         | 846                     | 357   | 0                   | 0                     | 0              | 4800           |

MONTH: FEB

|              |      |       |      |     |     |   |   |   |      |
|--------------|------|-------|------|-----|-----|---|---|---|------|
| 00-02        | .0   | .000  | 0    | 0   | 0   | 0 | 0 | 0 | 0    |
| 03-05        | 31.0 | 7.519 | 42   | 25  | 0   | 0 | 0 | 0 | 42   |
| 06-08        | 35.2 | 7.502 | 847  | 327 | 22  | 0 | 0 | 0 | 847  |
| 09-11        | 42.2 | 6.577 | 849  | 58  | 127 | 0 | 0 | 0 | 849  |
| 12-14        | 46.1 | 5.908 | 849  | 18  | 273 | 0 | 0 | 0 | 849  |
| 15-17        | 46.3 | 5.749 | 846  | 12  | 276 | 0 | 0 | 0 | 846  |
| 18-20        | 42.8 | 6.060 | 843  | 34  | 128 | 0 | 0 | 0 | 843  |
| 21-23        | 40.5 | 6.271 | 281  | 26  | 21  | 0 | 0 | 0 | 281  |
| ALL<br>HOURS | 42.3 | 7.580 | 4557 | 500 | 847 | 0 | 0 | 0 | 4557 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

W2T BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 36.1 | 5.208                 | 15           | 3                                            | 0     | 0     | 0     | 0     | 15             |
| 06-08        | 39.4 | 5.854                 | 927          | 119                                          | 30    | 0     | 0     | 0     | 927            |
| 09-11        | 45.7 | 4.641                 | 929          | 2                                            | 202   | 0     | 0     | 0     | 929            |
| 12-14        | 48.0 | 4.515                 | 930          | 0                                            | 366   | 0     | 0     | 0     | 930            |
| 15-17        | 48.1 | 4.418                 | 930          | 0                                            | 371   | 0     | 0     | 0     | 930            |
| 18-20        | 45.3 | 4.720                 | 929          | 4                                            | 183   | 0     | 0     | 0     | 929            |
| 21-23        | 43.3 | 4.896                 | 309          | 8                                            | 32    | 0     | 0     | 0     | 309            |
| ALL<br>HOURS | 45.1 | 5.804                 | 4969         | 136                                          | 1184  | 0     | 0     | 0     | 4969           |

MONTH: APR

|              |      |       |      |    |      |   |   |   |      |
|--------------|------|-------|------|----|------|---|---|---|------|
| 00-02        | .0   | .000  | 0    | 0  | 0    | 0 | 0 | 0 | 0    |
| 03-05        | 40.8 | 5.471 | 119  | 13 | 5    | 0 | 0 | 0 | 119  |
| 06-08        | 43.4 | 5.520 | 900  | 25 | 110  | 0 | 0 | 0 | 900  |
| 09-11        | 49.4 | 5.084 | 900  | 0  | 467  | 0 | 0 | 0 | 900  |
| 12-14        | 51.6 | 4.852 | 00   | 0  | 614  | 0 | 0 | 0 | 900  |
| 15-17        | 51.7 | 4.892 | 900  | 0  | 611  | 0 | 0 | 0 | 900  |
| 18-20        | 48.9 | 5.048 | 900  | 0  | 411  | 0 | 0 | 0 | 900  |
| 21-23        | 46.1 | 4.694 | 225  | 0  | 57   | 0 | 0 | 0 | 225  |
| ALL<br>HOURS | 48.7 | 6.018 | 4844 | 38 | 2275 | 0 | 0 | 0 | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 45.7 | 5.382                 | 307          | 2                                            | 77    | 0     | 0     | 0     | 307            |
| 06-08        | 50.0 | 5.527                 | 927          | 1                                            | 494   | 0     | 0     | 0     | 927            |
| 09-11        | 54.7 | 5.109                 | 924          | 0                                            | 761   | 0     | 0     | 0     | 924            |
| 12-14        | 56.3 | 4.970                 | 925          | 0                                            | 838   | 3     | 0     | 0     | 925            |
| 15-17        | 56.6 | 4.860                 | 922          | 0                                            | 850   | 3     | 0     | 0     | 922            |
| 18-20        | 54.2 | 5.284                 | 918          | 0                                            | 744   | 0     | 0     | 0     | 918            |
| 21-23        | 52.6 | 5.079                 | 21           | 0                                            | 14    | 0     | 0     | 0     | 21             |
| ALL<br>HOURS | 53.8 | 5.972                 | 4944         | 3                                            | 3778  | 6     | 0     | 0     | 4944           |

MONTH: JUN

|              |      |       |      |   |      |     |   |   |      |
|--------------|------|-------|------|---|------|-----|---|---|------|
| 00-02        | .0   | .000  | 0    | 0 | 0    | 0   | 0 | 0 | 0    |
| 03-05        | 50.5 | 4.247 | 297  | 0 | 179  | 0   | 0 | 0 | 297  |
| 06-08        | 54.9 | 4.404 | 900  | 0 | 795  | 1   | 0 | 0 | 900  |
| 09-11        | 59.5 | 4.015 | 900  | 0 | 887  | 19  | 0 | 0 | 900  |
| 12-14        | 61.3 | 3.913 | 900  | 0 | 898  | 69  | 0 | 0 | 900  |
| 15-17        | 61.6 | 3.789 | 900  | 0 | 899  | 86  | 0 | 0 | 900  |
| 18-20        | 58.7 | 3.943 | 898  | 0 | 876  | 6   | 0 | 0 | 898  |
| 21-23        | 55.4 | 3.732 | 43   | 0 | 41   | 0   | 0 | 0 | 43   |
| ALL<br>HOURS | 58.6 | 5.075 | 4838 | 0 | 4575 | 181 | 0 | 0 | 4838 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 54.1 | 4.818                 | 302          | 0                                            | 249   | 0     | 0     | 0     | 302            |
| 06-08        | 58.0 | 4.592                 | 909          | 0                                            | 877   | 23    | 0     | 0     | 909            |
| 09-11        | 62.4 | 3.981                 | 909          | 0                                            | 909   | 170   | 1     | 0     | 909            |
| 12-14        | 64.6 | 3.836                 | 909          | 0                                            | 909   | 320   | 2     | 0     | 909            |
| 15-17        | 64.9 | 3.601                 | 906          | 0                                            | 906   | 345   | 3     | 0     | 906            |
| 18-20        | 62.0 | 3.849                 | 910          | 0                                            | 909   | 126   | 0     | 0     | 910            |
| 21-23        | 59.8 | 3.058                 | 44           | 0                                            | 44    | 1     | 0     | 0     | 44             |
| ALL<br>HOURS | 61.8 | 5.098                 | 4889         | 0                                            | 4803  | 985   | 6     | 0     | 4889           |

MONTH: AUG

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 54.6 | 5.088                 | 309          | 0                                            | 265   | 7     | 0     | 0     | 309            |
| 06-08        | 57.8 | 4.844                 | 929          | 0                                            | 887   | 41    | 0     | 0     | 929            |
| 09-11        | 62.9 | 3.835                 | 930          | 0                                            | 930   | 187   | 1     | 0     | 930            |
| 12-14        | 65.0 | 3.537                 | 930          | 0                                            | 930   | 366   | 8     | 0     | 930            |
| 15-17        | 65.3 | 3.565                 | 930          | 0                                            | 930   | 380   | 13    | 0     | 930            |
| 18-20        | 62.6 | 4.069                 | 930          | 0                                            | 930   | 168   | 3     | 0     | 930            |
| 21-23        | 59.6 | 3.429                 | 40           | 0                                            | 40    | 2     | 0     | 0     | 40             |
| ALL<br>HOURS | 62.2 | 5.170                 | 4998         | 0                                            | 4912  | 1151  | 25    | 0     | 4998           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 50.5 | 5.862                 | 295          | 0                                            | 162   | 1     | 0     | 0     | 295            |
| 06-08        | 52.8 | 5.807                 | 890          | 1                                            | 636   | 4     | 0     | 0     | 890            |
| 09-11        | 59.0 | 4.696                 | 884          | 0                                            | 870   | 44    | 0     | 0     | 884            |
| 12-14        | 61.3 | 4.425                 | 882          | 0                                            | 876   | 118   | 0     | 0     | 882            |
| 15-17        | 61.4 | 4.400                 | 884          | 0                                            | 878   | 121   | 0     | 0     | 884            |
| 18-20        | 58.6 | 4.917                 | 888          | 0                                            | 856   | 34    | 0     | 0     | 888            |
| 21-23        | 56.3 | 6.317                 | 38           | 0                                            | 30    | 1     | 0     | 0     | 38             |
| ALL<br>HOURS | 58.1 | 6.113                 | 4761         | 1                                            | 4308  | 323   | 0     | 0     | 4761           |

MONTH: OCT

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 42.0 | 6.821                 | 276          | 30                                           | 37    | 0     | 0     | 0     | 276            |
| 06-08        | 43.8 | 6.992                 | 930          | 61                                           | 202   | 0     | 0     | 0     | 930            |
| 09-11        | 51.7 | 5.345                 | 930          | 0                                            | 614   | 0     | 0     | 0     | 930            |
| 12-14        | 54.9 | 4.657                 | 930          | 0                                            | 786   | 0     | 0     | 0     | 930            |
| 15-17        | 54.7 | 4.788                 | 930          | 0                                            | 776   | 0     | 0     | 0     | 930            |
| 18-20        | 51.0 | 5.470                 | 929          | 0                                            | 566   | 0     | 0     | 0     | 929            |
| 21-23        | 48.3 | 6.310                 | 77           | 0                                            | 34    | 0     | 0     | 0     | 77             |
| ALL<br>HOURS | 50.6 | 7.116                 | 5002         | 91                                           | 3015  | 0     | 0     | 0     | 5002           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE .NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 35.4 | 7.603                 | 60           | 25                                           | 2     | 0     | 0     | 0     | 60             |
| 06-08        | 36.5 | 8.425                 | 869          | 297                                          | 59    | 0     | 0     | 0     | 869            |
| 09-11        | 44.0 | 6.777                 | 870          | 35                                           | 213   | 0     | 0     | 0     | 870            |
| 12-14        | 47.9 | 5.661                 | 870          | 0                                            | 351   | 0     | 0     | 0     | 870            |
| 15-17        | 47.5 | 5.528                 | 870          | 0                                            | 322   | 0     | 0     | 0     | 870            |
| 18-20        | 43.1 | 6.227                 | 870          | 40                                           | 159   | 0     | 0     | 0     | 870            |
| 21-23        | 41.0 | 6.622                 | 287          | 28                                           | 32    | 0     | 0     | 0     | 287            |
| ALL<br>HOURS | 43.5 | 7.754                 | 4696         | 425                                          | 1138  | 0     | 0     | 0     | 4696           |

MONTH: DEC

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 30.7 | 6.202                 | 58           | 36                                           | 0     | 0     | 0     | 0     | 58             |
| 06-08        | 31.4 | 7.228                 | 886          | 520                                          | 0     | 0     | 0     | 0     | 886            |
| 09-11        | 38.2 | 6.270                 | 886          | 169                                          | 31    | 0     | 0     | 0     | 886            |
| 12-14        | 43.4 | 5.562                 | 880          | 30                                           | 130   | 0     | 0     | 0     | 880            |
| 15-17        | 43.6 | 5.468                 | 855          | 25                                           | 122   | 0     | 0     | 0     | 855            |
| 18-20        | 39.0 | 5.786                 | 824          | 124                                          | 17    | 0     | 0     | 0     | 824            |
| 21-23        | 36.6 | 6.061                 | 272          | 71                                           | 3     | 0     | 0     | 0     | 272            |
| ALL<br>HOURS | 38.8 | 7.571                 | 4661         | 975                                          | 303   | 0     | 0     | 0     | 4661           |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|-------|----------------|
|              |      |                       |              | LE 32                                        | GE 50 | GE 67 | GE 73 | GE 80 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0     | 0              |
| 03-05        | 47.3 | 8.888                 | 2129         | 169                                          | 976   | 8     | 0     | 0     | 2129           |
| 06-08        | 44.8 | 11.322                | 10804        | 1869                                         | 4124  | 69    | 0     | 0     | 10804          |
| 09-11        | 50.8 | 10.083                | 10802        | 395                                          | 6055  | 420   | 2     | 0     | 10802          |
| 12-14        | 53.8 | 9.035                 | 10796        | 63                                           | 7089  | 676   | 10    | 0     | 10796          |
| 15-17        | 53.9 | 9.039                 | 10764        | 50                                           | 7076  | 935   | 16    | 0     | 10764          |
| 18-20        | 50.7 | 9.672                 | 10730        | 276                                          | 5617  | 334   | 3     | 0     | 10730          |
| 21-23        | 42.6 | 8.209                 | 1934         | 193                                          | 358   | 4     | 0     | 0     | 1934           |
| ALL<br>HOURS | 50.4 | 10.418                | 57959        | 3015                                         | 31495 | 2646  | 31    | 0     | 57959          |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 24.1 | 8.485                 | 49           | 34                                           | 6     | 49    | 0     | 49             |
| 06-08        | 26.5 | 9.467                 | 890          | 514                                          | 134   | 889   | 0     | 890            |
| 09-11        | 29.7 | 9.621                 | 891          | 387                                          | 212   | 884   | 0     | 891            |
| 12-14        | 29.2 | 10.711                | 891          | 418                                          | 229   | 884   | 0     | 891            |
| 15-17        | 28.9 | 10.833                | 891          | 384                                          | 217   | 885   | 0     | 891            |
| 18-20        | 29.6 | 10.358                | 891          | 374                                          | 230   | 885   | 0     | 891            |
| 21-23        | 29.1 | 10.022                | 297          | 127                                          | 70    | 295   | 0     | 297            |
| ALL<br>HOURS | 28.8 | 10.285                | 4800         | 2238                                         | 1098  | 4771  | 0     | 4800           |

MONTH: FEB

|              |      |        |      |      |      |      |   |      |
|--------------|------|--------|------|------|------|------|---|------|
| 00-02        | .0   | .000   | 0    | 0    | 0    | 0    | 0 | 849  |
| 03-05        | 23.7 | 9.421  | 42   | 27   | 3    | 42   | 0 | 849  |
| 06-08        | 28.7 | 9.998  | 847  | 398  | 194  | 847  | 0 | 849  |
| 09-11        | 31.4 | 10.482 | 849  | 292  | 270  | 849  | 0 | 849  |
| 12-14        | 29.6 | 11.278 | 849  | 348  | 247  | 849  | 0 | 849  |
| 15-17        | 28.9 | 11.217 | 846  | 394  | 222  | 846  | 0 | 849  |
| 18-20        | 31.0 | 10.880 | 843  | 300  | 278  | 843  | 0 | 849  |
| 21-23        | 31.1 | 10.452 | 281  | 102  | 88   | 281  | 0 | 849  |
| ALL<br>HOURS | 29.9 | 10.834 | 4557 | 1861 | 1302 | 4557 | 0 | 4557 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 29.3 | 7.828                 | 15           | 4                                            | 4     | 15    | 0     | 15             |
| 06-08        | 32.9 | 8.221                 | 927          | 209                                          | 342   | 927   | 0     | 927            |
| 09-11        | 34.1 | 8.730                 | 929          | 178                                          | 421   | 929   | 0     | 929            |
| 12-14        | 32.1 | 9.281                 | 930          | 258                                          | 345   | 930   | 0     | 930            |
| 15-17        | 32.0 | 9.408                 | 930          | 251                                          | 335   | 930   | 0     | 930            |
| 18-20        | 33.9 | 9.404                 | 929          | 183                                          | 420   | 929   | 0     | 929            |
| 21-23        | 34.3 | 9.150                 | 309          | 55                                           | 145   | 309   | 0     | 309            |
| ALL<br>HCURS | 33.1 | 9.101                 | 4969         | 1138                                         | 2012  | 4969  | 0     | 4969           |

MONTH: APR

|              |      |       |      |      |      |      |   |      |
|--------------|------|-------|------|------|------|------|---|------|
| 00-02        | .0   | .000  | 0    | 0    | 0    | 0    | 0 | 900  |
| 03-05        | 32.2 | 8.371 | 119  | 33   | 39   | 119  | 0 | 900  |
| 06-08        | 33.8 | 8.254 | 900  | 190  | 372  | 900  | 0 | 900  |
| 09-11        | 33.5 | 8.635 | 900  | 210  | 373  | 900  | 0 | 900  |
| 12-14        | 31.3 | 8.607 | 900  | 301  | 258  | 900  | 0 | 900  |
| 15-17        | 32.0 | 8.730 | 900  | 277  | 314  | 900  | 0 | 900  |
| 18-20        | 34.5 | 9.057 | 900  | 187  | 442  | 900  | 0 | 900  |
| 21-23        | 34.9 | 8.609 | 225  | 41   | 116  | 225  | 0 | 900  |
| ALL<br>HOURS | 33.1 | 8.778 | 4844 | 1239 | 1914 | 4844 | 0 | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 38.1 | 7.336                 | 307          | 29                                           | 187   | 307   | 0     | 307            |
| 06-08        | 39.5 | 7.092                 | 927          | 39                                           | 604   | 924   | 0     | 927            |
| 09-11        | 37.6 | 7.832                 | 924          | 95                                           | 509   | 922   | 0     | 924            |
| 12-14        | 35.2 | 7.861                 | 925          | 166                                          | 418   | 918   | 0     | 925            |
| 15-17        | 36.7 | 7.911                 | 922          | 131                                          | 470   | 921   | 0     | 922            |
| 18-20        | 39.4 | 8.311                 | 918          | 90                                           | 598   | 909   | 0     | 918            |
| 21-23        | 39.0 | 6.233                 | 21           | 0                                            | 12    | 21    | 0     | 21             |
| ALL<br>HOURS | 37.7 | 7.964                 | 4944         | 550                                          | 2798  | 4922  | 0     | 4944           |

MONTH: JUN

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 900            |
| 03-05        | 40.5 | 7.165                 | 297          | 10                                           | 219   | 295   | 0     | 900            |
| 06-08        | 41.8 | 6.980                 | 900          | 26                                           | 715   | 882   | 0     | 900            |
| 09-11        | 39.9 | 7.194                 | 900          | 45                                           | 623   | 890   | 0     | 900            |
| 12-14        | 38.0 | 6.684                 | 900          | 47                                           | 518   | 893   | 0     | 900            |
| 15-17        | 39.6 | 6.781                 | 900          | 25                                           | 606   | 895   | 0     | 900            |
| 18-20        | 41.1 | 7.514                 | 898          | 48                                           | 663   | 892   | 0     | 900            |
| 21-23        | 39.6 | 9.111                 | 43           | 5                                            | 26    | 42    | 0     | 900            |
| ALL<br>HOURS | 40.1 | 7.220                 | 4838         | 206                                          | 3370  | 4789  | 0     | 4838           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 43.5 | 7.426                 | 302          | 5                                            | 245   | 286   | 0     | 302            |
| 06-08        | 44.9 | 7.281                 | 909          | 9                                            | 800   | 838   | 4     | 909            |
| 09-11        | 42.9 | 8.643                 | 909          | 29                                           | 677   | 836   | 2     | 909            |
| 12-14        | 41.4 | 8.154                 | 909          | 15                                           | 611   | 853   | 3     | 909            |
| 15-17        | 42.5 | 7.980                 | 906          | 12                                           | 673   | 845   | 3     | 906            |
| 18-20        | 44.0 | 8.443                 | 910          | 25                                           | 723   | 847   | 5     | 910            |
| 21-23        | 45.5 | 7.192                 | 44           | 2                                            | 39    | 41    | 0     | 44             |
| ALL<br>HOURS | 43.2 | 8.179                 | 4889         | 97                                           | 3768  | 4546  | 17    | 4889           |

MONTH: AUG

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 930            |
| 03-05        | 44.8 | 8.127                 | 309          | 2                                            | 268   | 278   | 5     | 930            |
| 06-08        | 46.1 | 7.692                 | 929          | 6                                            | 841   | 819   | 9     | 930            |
| 09-11        | 45.5 | 8.582                 | 930          | 13                                           | 785   | 820   | 15    | 930            |
| 12-14        | 43.8 | 8.753                 | 930          | 1                                            | 703   | 825   | 14    | 930            |
| 15-17        | 44.4 | 8.718                 | 930          | 0                                            | 722   | 820   | 16    | 930            |
| 18-20        | 46.4 | 8.929                 | 930          | 28                                           | 807   | 799   | 18    | 930            |
| 21-23        | 46.2 | 7.646                 | 40           | 0                                            | 36    | 36    | 0     | 930            |
| ALL<br>HOURS | 45.2 | 8.590                 | 4998         | 50                                           | 4162  | 4397  | 77    | 4998           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 41.5 | 8.932                 | 295          | 21                                           | 209   | 282   | 1     | 295            |
| 06-08        | 42.5 | 8.672                 | 890          | 51                                           | 682   | 838   | 3     | 890            |
| 09-11        | 43.0 | 8.067                 | 884          | 37                                           | 701   | 833   | 2     | 884            |
| 12-14        | 40.9 | 7.948                 | 882          | 30                                           | 603   | 845   | 0     | 882            |
| 15-17        | 41.1 | 7.932                 | 884          | 32                                           | 612   | 852   | 0     | 884            |
| 18-20        | 43.4 | 8.653                 | 888          | 43                                           | 709   | 835   | 1     | 888            |
| 21-23        | 42.6 | 9.971                 | 38           | 4                                            | 30    | 36    | 0     | 38             |
| ALL<br>HOURS | 42.1 | 8.399                 | 4761         | 218                                          | 3546  | 4521  | 7     | 4761           |

MONTH: OCT

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | LE 27 | GE 37 | LE 55 | GE 65 | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|-------|-------|-------|-------|----------------|
| 00-02        | .0   | .000                  | 0            | 0     | 0     | 0     | 0     | 930            |
| 03-05        | 32.1 | 10.696                | 276          | 88    | 92    | 272   | 0     | 930            |
| 06-08        | 33.1 | 10.853                | 930          | 276   | 360   | 918   | 0     | 930            |
| 09-11        | 35.7 | 9.655                 | 930          | 186   | 461   | 915   | 0     | 930            |
| 12-14        | 34.2 | 9.215                 | 930          | 227   | 370   | 915   | 0     | 930            |
| 15-17        | 33.7 | 9.634                 | 930          | 250   | 353   | 912   | 0     | 930            |
| 18-20        | 35.1 | 10.717                | 929          | 225   | 439   | 907   | 0     | 930            |
| 21-23        | 35.0 | 12.361                | 77           | 19    | 40    | 76    | 0     | 930            |
| ALL<br>HOURS | 34.3 | 10.185                | 5002         | 1271  | 2115  | 4915  | 0     | 5002           |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 26.8 | 11.554                | 60           | 32                                           | 14    | 60    | 0     | 60             |
| 06-08        | 27.8 | 12.275                | 869          | 407                                          | 243   | 868   | 0     | 869            |
| 09-11        | 30.9 | 11.149                | 870          | 328                                          | 288   | 866   | 0     | 870            |
| 12-14        | 30.0 | 10.995                | 870          | 360                                          | 256   | 867   | 0     | 870            |
| 15-17        | 29.7 | 11.364                | 870          | 367                                          | 246   | 865   | 0     | 870            |
| 18-20        | 30.0 | 12.047                | 870          | 342                                          | 259   | 864   | 0     | 870            |
| 21-23        | 29.5 | 12.148                | 287          | 115                                          | 85    | 286   | 0     | 287            |
| ALL<br>HOURS | 29.6 | 11.671                | 4696         | 1951                                         | 1391  | 4676  | 0     | 4696           |

MONTH: DEC

|              |      |        |      |      |     |      |   |      |
|--------------|------|--------|------|------|-----|------|---|------|
| 00-02        | .0   | .000   | 0    | 0    | 0   | 0    | 0 | 880  |
| 03-05        | 23.6 | 10.468 | 58   | 34   | 3   | 58   | 0 | 880  |
| 06-08        | 23.6 | 11.462 | 886  | 553  | 99  | 886  | 0 | 880  |
| 09-11        | 27.3 | 10.449 | 886  | 414  | 165 | 886  | 0 | 880  |
| 12-14        | 28.5 | 10.298 | 880  | 400  | 206 | 880  | 0 | 880  |
| 15-17        | 28.4 | 10.284 | 855  | 376  | 201 | 855  | 0 | 880  |
| 18-20        | 28.0 | 10.983 | 824  | 378  | 185 | 824  | 0 | 880  |
| 21-23        | 27.2 | 11.292 | 272  | 134  | 57  | 272  | 0 | 880  |
| ALL<br>HOURS | 27.1 | 10.909 | 4661 | 2289 | 916 | 4661 | 0 | 4661 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL

| HOURS<br>LST | MEAN | STANDARD<br>DEVIATION | TOTAL<br>OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F |       |       |       | TOTAL<br>HOURS |
|--------------|------|-----------------------|--------------|----------------------------------------------|-------|-------|-------|----------------|
|              |      |                       |              | LE 27                                        | GE 37 | LE 55 | GE 65 |                |
| 00-02        | .0   | .000                  | 0            | 0                                            | 0     | 0     | 0     | 0              |
| 03-05        | 38.2 | 10.541                | 2129         | 319                                          | 1289  | 2063  | 6     | 2129           |
| 06-08        | 35.2 | 11.740                | 10804        | 2678                                         | 5386  | 10536 | 16    | 10804          |
| 09-11        | 36.0 | 10.749                | 10802        | 2214                                         | 5485  | 10530 | 19    | 10802          |
| 12-14        | 34.6 | 10.562                | 10796        | 2571                                         | 4764  | 10559 | 17    | 10796          |
| 15-17        | 34.9 | 10.868                | 10764        | 2499                                         | 4971  | 10526 | 19    | 10764          |
| 18-20        | 36.5 | 11.402                | 10730        | 2223                                         | 5753  | 10434 | 24    | 10730          |
| 21-23        | 32.3 | 11.229                | 1934         | 604                                          | 744   | 1920  | 0     | 1934           |
| ALL<br>HOURS | 35.4 | 11.107                | 57959        | 13108                                        | 28392 | 56568 | 101   | 57959          |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JAN

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |       |      |      |      |      |      |      |     |      | TOTAL OBS |
|--------------|--------------------------------------------|-------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | MEAN |           |
| 00-02        |                                            |       |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 100.0 | 98.0 | 95.9 | 93.9 | 81.6 | 42.9 | 14.3 | 2.0 | 67.6 | 49        |
| 06-08        | 100.0                                      | 100.0 | 98.5 | 94.9 | 89.8 | 77.3 | 53.4 | 29.7 | 7.2 | 69.9 | 890       |
| 09-11        | 100.0                                      | 98.5  | 92.1 | 80.0 | 60.5 | 40.6 | 22.4 | 10.9 | 3.4 | 55.5 | 891       |
| 12-14        | 99.9                                       | 88.4  | 67.8 | 42.9 | 25.7 | 13.9 | 9.1  | 3.6  | 1.2 | 39.8 | 891       |
| 15-17        | 99.8                                       | 83.8  | 62.1 | 40.5 | 25.0 | 16.3 | 9.5  | 3.7  | .7  | 38.5 | 891       |
| 18-20        | 99.9                                       | 96.7  | 85.7 | 72.7 | 53.8 | 36.8 | 20.8 | 9.0  | 3.0 | 52.3 | 891       |
| 21-23        | 100.0                                      | 99.0  | 95.3 | 83.8 | 68.0 | 51.5 | 30.3 | 13.5 | 4.0 | 59.0 | 297       |
| ALL<br>HOURS | 99.9                                       | 93.9  | 82.3 | 67.6 | 52.4 | 38.3 | 23.7 | 11.5 | 3.1 | 59.0 | 4800      |

MONTH: FEB

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |       |       |      |      |      |      |      |     |      | TOTAL OBS |
|--------------|--------------------------------------------|-------|-------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | MEAN |           |
| 00-02        |                                            |       |       |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 100.0 | 100.0 | 92.9 | 85.7 | 59.5 | 33.3 | 9.5  |     | 62.4 | 42        |
| 06-08        | 100.0                                      | 99.8  | 96.9  | 92.7 | 84.1 | 65.5 | 45.6 | 22.6 | 8.9 | 66.3 | 847       |
| 09-11        | 100.0                                      | 95.3  | 85.6  | 70.9 | 49.6 | 31.7 | 16.6 | 7.8  | 2.5 | 50.4 | 849       |
| 12-14        | 99.9                                       | 81.4  | 53.1  | 32.5 | 21.4 | 13.7 | 7.8  | 3.3  | 1.1 | 35.7 | 849       |
| 15-17        | 99.6                                       | 74.6  | 44.8  | 30.3 | 22.0 | 13.8 | 7.9  | 4.1  | 1.3 | 34.3 | 846       |
| 18-20        | 100.0                                      | 93.0  | 80.8  | 61.1 | 44.0 | 27.4 | 17.3 | 8.8  | 2.3 | 48.2 | 843       |
| 21-23        | 100.0                                      | 98.2  | 90.7  | 78.6 | 60.5 | 40.2 | 23.8 | 13.5 | 1.8 | 55.2 | 281       |
| ALL<br>HOURS | 99.9                                       | 89.5  | 73.6  | 59.1 | 45.6 | 31.1 | 19.5 | 9.6  | 3.1 | 55.2 | 4557      |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAR

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |       |      |      |      |      |      |      |     | MEAN | TOTAL OBS |
|--------------|--------------------------------------------|-------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |      |           |
| 00-02        |                                            |       |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 100.0 | 93.3 | 93.3 | 86.7 | 73.3 | 46.7 | 6.7  |     | 64.6 | 15        |
| 06-08        | 100.0                                      | 99.4  | 97.1 | 92.3 | 81.9 | 66.1 | 46.3 | 23.7 | 7.9 | 66.2 | 927       |
| 09-11        | 100.0                                      | 93.2  | 83.2 | 67.7 | 44.5 | 23.5 | 10.9 | 5.7  | 2.4 | 47.7 | 929       |
| 12-14        | 100.0                                      | 80.1  | 60.4 | 39.8 | 21.1 | 11.3 | 5.3  | 3.1  | 1.2 | 36.4 | 930       |
| 15-17        | 99.7                                       | 76.5  | 57.1 | 40.5 | 23.9 | 13.5 | 7.0  | 3.8  | 1.4 | 36.7 | 930       |
| 18-20        | 99.9                                       | 90.7  | 82.2 | 67.3 | 50.2 | 30.0 | 17.4 | 7.6  | 2.0 | 49.5 | 929       |
| 21-23        | 100.0                                      | 96.1  | 90.3 | 82.8 | 66.0 | 46.6 | 26.9 | 10.7 | 2.6 | 56.6 | 309       |
| ALL<br>HOURS | 99.9                                       | 88.5  | 76.9 | 62.9 | 45.7 | 30.1 | 18.0 | 8.9  | 2.9 | 56.6 | 4969      |

MONTH: APR

|              |       |       |      |      |      |      |      |     |     |      |      |
|--------------|-------|-------|------|------|------|------|------|-----|-----|------|------|
| 00-02        |       |       |      |      |      |      |      |     |     | .0   | 0    |
| 03-05        | 100.0 | 100.0 | 92.4 | 84.9 | 68.1 | 47.1 | 23.5 | 6.7 | 2.5 | 57.1 | 119  |
| 06-08        | 100.0 | 97.3  | 90.8 | 79.3 | 57.3 | 38.1 | 19.2 | 8.9 | 1.2 | 53.6 | 900  |
| 09-11        | 99.6  | 84.2  | 58.8 | 35.9 | 15.4 | 5.0  | 1.3  | .4  | .3  | 34.5 | 900  |
| 12-14        | 99.2  | 57.3  | 32.6 | 17.3 | 5.9  | 2.3  | 1.0  | .3  | .3  | 25.9 | 900  |
| 15-17        | 99.8  | 58.9  | 37.3 | 23.6 | 9.7  | 3.3  | 1.1  | .3  | .3  | 27.6 | 900  |
| 18-20        | 99.9  | 85.0  | 68.1 | 49.1 | 29.3 | 13.3 | 4.2  | 1.9 | .2  | 39.5 | 900  |
| 21-23        | 100.0 | 95.1  | 85.3 | 70.2 | 45.8 | 25.8 | 9.8  | 2.2 |     | 47.9 | 225  |
| ALL<br>HOURS | 99.7  | 78.0  | 59.7 | 43.5 | 25.7 | 13.9 | 6.0  | 2.5 | .5  | 47.9 | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: MAY

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |       |      |      |      |      |      |      |     | MEAN | TOTAL OBS |
|--------------|--------------------------------------------|-------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |      |           |
| 00-02        |                                            |       |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 100.0 | 97.4 | 90.9 | 70.7 | 49.2 | 26.7 | 12.1 | 3.6 | 59.5 | 307       |
| 06-08        | 100.0                                      | 99.1  | 90.6 | 67.2 | 42.9 | 22.8 | 10.0 | 3.7  | .6  | 48.0 | 927       |
| 09-11        | 100.0                                      | 79.4  | 45.2 | 19.8 | 5.5  | 1.3  | .4   | .1   | .1  | 29.5 | 924       |
| 12-14        | 99.9                                       | 51.1  | 21.9 | 7.2  | 1.9  | .8   | .5   | .2   |     | 22.4 | 925       |
| 15-17        | 100.0                                      | 56.4  | 29.2 | 13.8 | 4.7  | 2.1  | .5   | .3   |     | 24.7 | 922       |
| 18-20        | 100.0                                      | 86.3  | 61.3 | 35.8 | 19.0 | 9.2  | 2.9  | .8   | .2  | 35.9 | 918       |
| 21-23        | 100.0                                      | 100.0 | 81.0 | 33.3 | 9.5  | 4.8  |      |      |     | 36.6 | 21        |
| ALL<br>HOURS | 100.0                                      | 76.2  | 52.0 | 32.7 | 18.3 | 9.8  | 4.4  | 1.7  | .4  | 36.6 | 4944      |

MONTH: JUN

|              |       |      |      |      |      |      |      |     |    |      |      |
|--------------|-------|------|------|------|------|------|------|-----|----|------|------|
| 00-02        |       |      |      |      |      |      |      |     |    | .0   | 0    |
| 03-05        | 100.0 | 99.0 | 94.3 | 74.7 | 47.1 | 20.9 | 10.8 | 2.4 | .7 | 49.6 | 297  |
| 06-08        | 100.0 | 95.1 | 72.8 | 42.1 | 19.3 | 7.6  | 2.3  | .8  | .2 | 38.5 | 900  |
| 09-11        | 100.0 | 61.0 | 20.3 | 6.9  | 1.1  | .4   | .3   | .1  |    | 23.3 | 900  |
| 12-14        | 99.7  | 26.9 | 6.0  | 1.9  | .4   | .4   | .3   | .3  | .2 | 17.4 | 900  |
| 15-17        | 99.8  | 37.3 | 9.8  | 2.8  | 1.1  | .3   | .2   | .1  |    | 19.0 | 900  |
| 18-20        | 99.9  | 70.7 | 37.1 | 15.0 | 5.2  | 1.8  | .4   | .1  | .1 | 27.4 | 898  |
| 21-23        | 100.0 | 81.4 | 58.1 | 34.9 | 23.3 | 7.0  | 2.3  |     |    | 33.9 | 43   |
| ALL<br>HOURS | 99.9  | 60.9 | 33.4 | 17.7 | 8.2  | 3.3  | 1.4  | .4  | .1 | 33.9 | 4838 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: JUL

| HOURS<br>LST | 10%   | 20%  | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |     |     |    | 90% | MEAN | TOTAL OBS |
|--------------|-------|------|--------------------------------------------|------|------|------|-----|-----|----|-----|------|-----------|
|              |       |      | 30%                                        | 40%  | 50%  | 60%  | 70% | 80% |    |     |      |           |
| 00-02        |       |      |                                            |      |      |      |     |     |    |     | .0   | 0         |
| 03-05        | 100.0 | 99.3 | 93.4                                       | 63.6 | 35.8 | 16.6 | 5.0 | 1.7 | .7 |     | 46.2 | 302       |
| 06-08        | 100.0 | 96.1 | 71.0                                       | 36.0 | 16.4 | 7.6  | 1.5 | .6  | .1 |     | 37.3 | 909       |
| 09-11        | 99.7  | 55.4 | 18.8                                       | 6.3  | 2.4  | 1.0  | .6  | .2  |    |     | 22.7 | 909       |
| 12-14        | 98.7  | 24.0 | 6.6                                        | 2.3  | 1.1  | .7   | .1  |     |    |     | 16.9 | 909       |
| 15-17        | 99.3  | 28.5 | 9.1                                        | 3.2  | 1.4  | .4   | .1  | .1  |    |     | 17.9 | 906       |
| 18-20        | 99.9  | 66.8 | 29.7                                       | 10.5 | 4.2  | 1.6  | .4  | .3  | .1 |     | 25.6 | 910       |
| 21-23        | 100.0 | 90.9 | 68.2                                       | 27.3 | 4.5  | 4.5  | 4.5 |     |    |     | 33.8 | 44        |
| ALL<br>HOURS | 99.6  | 57.3 | 31.5                                       | 15.0 | 7.0  | 3.2  | .9  | .3  | .1 |     | 33.8 | 4889      |

MONTH: AUG

| HOURS<br>LST | 10%   | 20%  | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |      |     |    | 90% | MEAN | TOTAL OBS |
|--------------|-------|------|--------------------------------------------|------|------|------|------|-----|----|-----|------|-----------|
|              |       |      | 30%                                        | 40%  | 50%  | 60%  | 70%  | 80% |    |     |      |           |
| 00-02        |       |      |                                            |      |      |      |      |     |    |     | .0   | 0         |
| 03-05        | 100.0 | 99.7 | 95.1                                       | 71.2 | 40.8 | 21.0 | 12.0 | 4.9 | .3 |     | 48.8 | 309       |
| 06-08        | 100.0 | 97.8 | 80.9                                       | 48.0 | 24.4 | 12.8 | 5.6  | 1.3 |    |     | 41.4 | 929       |
| 09-11        | 100.0 | 67.7 | 30.5                                       | 11.6 | 4.7  | 1.7  | .5   | .1  |    |     | 26.2 | 930       |
| 12-14        | 99.9  | 35.3 | 13.3                                       | 4.7  | 2.7  | 1.1  | .5   |     |    |     | 19.6 | 930       |
| 15-17        | 100.0 | 37.5 | 12.7                                       | 5.8  | 3.2  | 1.8  | .6   | .2  |    |     | 20.0 | 930       |
| 18-20        | 100.0 | 75.1 | 40.4                                       | 17.0 | 7.5  | 3.5  | 1.6  | .4  |    |     | 29.1 | 930       |
| 21-23        | 100.0 | 92.5 | 67.5                                       | 30.0 | 12.5 | 5.0  | 2.5  |     |    |     | 35.8 | 40        |
| ALL<br>HOURS | 100.0 | 65.2 | 39.5                                       | 20.8 | 10.5 | 5.2  | 2.4  | .7  | .0 |     | 35.8 | 4998      |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: SEP

| HOURS<br>LST | 10%   | 20%   | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |      |     |     | 90%  | MEAN | TOTAL OBS |
|--------------|-------|-------|--------------------------------------------|------|------|------|------|-----|-----|------|------|-----------|
|              |       |       | 30%                                        | 40%  | 50%  | 60%  | 70%  | 80% |     |      |      |           |
| 00-02        |       |       |                                            |      |      |      |      |     |     |      | .0   | 0         |
| 03-05        | 100.0 | 100.0 | 92.2                                       | 79.7 | 57.3 | 36.6 | 21.4 | 7.8 | 1.4 | 54.0 |      | 295       |
| 06-08        | 100.0 | 98.8  | 86.0                                       | 65.7 | 44.4 | 26.4 | 13.6 | 4.4 | 1.3 | 48.5 |      | 890       |
| 09-11        | 100.0 | 80.7  | 44.5                                       | 23.0 | 9.8  | 4.0  | 1.2  | .3  |     | 30.8 |      | 884       |
| 12-14        | 99.9  | 43.2  | 19.8                                       | 8.2  | 4.3  | 1.4  | .1   |     |     | 22.0 |      | 882       |
| 15-17        | 99.9  | 43.8  | 21.6                                       | 10.5 | 3.7  | .7   | .1   |     |     | 22.4 |      | 884       |
| 18-20        | 99.5  | 82.9  | 50.1                                       | 29.8 | 16.4 | 7.5  | 1.7  | .3  |     | 33.3 |      | 888       |
| 21-23        | 100.0 | 94.7  | 76.3                                       | 39.5 | 15.8 | 2.6  |      |     |     | 36.5 |      | 38        |
| ALL<br>HOURS | 99.9  | 72.0  | 47.7                                       | 30.8 | 18.4 | 9.7  | 4.5  | 1.4 | .3  | 36.5 |      | 4761      |

MONTH: OCT

|              |       |      |      |      |      |      |      |     |     |      |    |      |
|--------------|-------|------|------|------|------|------|------|-----|-----|------|----|------|
| 00-02        |       |      |      |      |      |      |      |     |     |      | .0 | 0    |
| 03-05        | 100.0 | 99.3 | 93.8 | 74.6 | 49.6 | 35.9 | 18.8 | 8.7 | 1.8 | 52.7 |    | 276  |
| 06-08        | 100.0 | 98.9 | 88.4 | 67.2 | 46.9 | 31.7 | 15.5 | 7.5 | 2.4 | 50.2 |    | 930  |
| 09-11        | 99.9  | 85.1 | 53.5 | 28.8 | 13.8 | 6.3  | 3.5  | 1.7 | .4  | 33.9 |    | 930  |
| 12-14        | 99.7  | 53.8 | 23.5 | 10.9 | 5.1  | 2.4  | .9   | .5  | .5  | 24.1 |    | 930  |
| 15-17        | 99.4  | 48.6 | 27.8 | 12.9 | 7.3  | 3.3  | 1.4  | .8  | .6  | 24.4 |    | 930  |
| 18-20        | 99.8  | 83.0 | 54.5 | 34.2 | 19.6 | 10.3 | 4.6  | 1.5 | .6  | 35.2 |    | 929  |
| 21-23        | 100.0 | 88.3 | 68.8 | 51.9 | 31.2 | 20.8 | 10.4 | 5.2 | 1.3 | 42.6 |    | 77   |
| ALL<br>HOURS | 99.8  | 75.5 | 52.3 | 33.5 | 20.4 | 12.4 | 6.0  | 2.8 | 1.0 | 42.6 |    | 5002 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |      |      |      |      |     | MEAN | TOTAL OBS |
|--------------|--------------------------------------------|------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |      |           |
| 00-02        |                                            |      |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 96.7 | 93.3 | 80.0 | 70.0 | 55.0 | 31.7 | 8.3  | 5.0 | 58.5 | 60        |
| 06-08        | 100.0                                      | 98.7 | 90.8 | 79.3 | 66.9 | 52.9 | 33.3 | 15.7 | 5.9 | 58.7 | 869       |
| 09-11        | 100.0                                      | 90.5 | 73.7 | 56.1 | 36.9 | 19.0 | 9.0  | 3.3  | .6  | 43.4 | 870       |
| 12-14        | 99.7                                       | 72.1 | 49.9 | 30.3 | 16.0 | 5.9  | 2.1  | .3   |     | 31.9 | 870       |
| 15-17        | 99.4                                       | 69.5 | 49.9 | 34.5 | 18.2 | 11.0 | 3.9  | 1.0  | .2  | 32.6 | 870       |
| 18-20        | 100.0                                      | 87.8 | 71.3 | 56.6 | 42.1 | 26.6 | 12.9 | 5.1  | 1.6 | 44.9 | 870       |
| 21-23        | 100.0                                      | 95.5 | 78.7 | 64.5 | 50.2 | 37.6 | 19.9 | 8.0  | 2.1 | 49.7 | 287       |
| ALL<br>HOURS | 99.8                                       | 84.6 | 68.1 | 52.5 | 37.3 | 24.4 | 12.9 | 5.3  | 1.7 | 49.7 | 4696      |

MONTH: DEC

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |      |      |      |      |     | MEAN | TOTAL OBS |
|--------------|--------------------------------------------|------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |      |           |
| 00-02        |                                            |      |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 96.6 | 91.4 | 87.9 | 82.8 | 63.8 | 50.0 | 24.1 | 8.6 | 65.6 | 58        |
| 06-08        | 100.0                                      | 97.3 | 90.1 | 86.0 | 78.1 | 65.6 | 44.5 | 19.9 | 4.7 | 63.4 | 886       |
| 09-11        | 100.0                                      | 94.4 | 83.2 | 70.1 | 55.5 | 37.4 | 20.2 | 8.7  | 1.7 | 51.5 | 886       |
| 12-14        | 100.0                                      | 85.0 | 62.8 | 45.6 | 28.2 | 16.0 | 7.8  | 3.6  | .5  | 39.5 | 880       |
| 15-17        | 100.0                                      | 83.3 | 61.2 | 43.9 | 28.2 | 17.3 | 8.3  | 3.4  | .7  | 39.2 | 855       |
| 18-20        | 100.0                                      | 93.9 | 82.4 | 67.2 | 54.1 | 38.2 | 23.1 | 10.1 | 2.1 | 51.7 | 824       |
| 21-23        | 100.0                                      | 96.3 | 86.8 | 76.8 | 65.1 | 50.0 | 32.4 | 15.8 | 5.1 | 57.2 | 272       |
| ALL<br>HOURS | 100.0                                      | 91.2 | 76.8 | 63.8 | 50.3 | 36.2 | 21.9 | 9.7  | 2.2 | 57.2 | 4661      |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: ALL

| HOURS<br>LST | RELATIVE HUMIDITY GREATER THAN OR EQUAL TO |      |      |      |      |      |      |      |     |      | TOTAL OBS |
|--------------|--------------------------------------------|------|------|------|------|------|------|------|-----|------|-----------|
|              | 10%                                        | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | MEAN |           |
| 00-02        |                                            |      |      |      |      |      |      |      |     | .0   | 0         |
| 03-05        | 100.0                                      | 99.4 | 94.4 | 77.7 | 54.6 | 34.6 | 18.7 | 7.0  | 1.7 | 53.3 | 2129      |
| 06-08        | 100.0                                      | 98.2 | 87.8 | 70.7 | 54.0 | 39.2 | 24.0 | 11.4 | 3.3 | 53.4 | 10804     |
| 09-11        | 99.9                                       | 82.0 | 57.2 | 39.4 | 24.7 | 14.0 | 7.1  | 3.2  | .9  | 37.3 | 10802     |
| 12-14        | 99.7                                       | 58.0 | 34.6 | 20.1 | 11.0 | 5.7  | 2.9  | 1.3  | .4  | 27.5 | 10796     |
| 15-17        | 99.7                                       | 58.0 | 35.0 | 21.6 | 12.2 | 6.9  | 3.3  | 1.5  | .4  | 28.0 | 10764     |
| 18-20        | 99.9                                       | 84.2 | 61.6 | 42.7 | 28.4 | 16.9 | 8.8  | 3.7  | 1.0 | 39.2 | 10730     |
| 21-23        | 100.0                                      | 95.9 | 85.4 | 71.3 | 54.2 | 38.1 | 21.7 | 9.6  | 2.4 | 52.2 | 1934      |
| ALL<br>HOURS | 99.9                                       | 77.6 | 57.7 | 41.4 | 28.1 | 17.9 | 10.0 | 4.5  | 1.3 | 38.2 | 57959     |

|          |            |          |            |            |
|----------|------------|----------|------------|------------|
| 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         | FFFFFF     |
| PPPPPPPP | AAAAAAAAAA | RRRRRRRR | TT         | FFFFFF     |
| PP       | AAAAAAAAAA | RR RR    | TT         | FF         |
| PP       | AA AA      | RR RR    | TT         | FF         |
| PP       | AA AA      | RR RR    | TT         | FF         |
| PP       | AA AA      | RR RR    | TT         | FF         |



PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89

| HOURS<br>(LST) | STATS   | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|----------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0100           | MEAN    | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     |
|                | SD      | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   |
|                | TOT OBS | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 0400           | MEAN    | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     |
|                | SD      | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   |
|                | TOT OBS | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 0700           | MEAN    | 1021.1 | 1019.1 | 1016.3 | 1015.0 | 1012.5 | 1011.6 | 1012.5 | 1012.5 | 1013.0 | 1016.3 | 1018.8 | 1021.0 | 1015.7 |
|                | SD      | 5.959  | 5.454  | 5.160  | 3.824  | 3.203  | 2.564  | 2.455  | 2.646  | 3.057  | 3.920  | 5.460  | 5.236  | 5.389  |
|                | TOT OBS | 296    | 283    | 308    | 300    | 309    | 300    | 303    | 310    | 296    | 310    | 286    | 295    | 3596   |
| 1000           | MEAN    | 1022.1 | 1019.8 | 1016.6 | 1015.0 | 1012.3 | 1011.4 | 1012.2 | 1012.4 | 1012.9 | 1016.4 | 1019.2 | 1021.8 | 1015.9 |
|                | SD      | 5.985  | 5.417  | 5.108  | 3.820  | 3.267  | 2.554  | 2.497  | 2.703  | 3.035  | 3.874  | 5.469  | 5.211  | 5.652  |
|                | TOT OBS | 296    | 283    | 310    | 300    | 308    | 300    | 303    | 310    | 295    | 310    | 288    | 294    | 3597   |
| 1300           | MEAN    | 1019.2 | 1017.5 | 1014.8 | 1013.4 | 1010.9 | 1010.1 | 1010.8 | 1010.7 | 1011.0 | 1014.1 | 1016.7 | 1019.0 | 1014.0 |
|                | SD      | 5.588  | 5.197  | 4.739  | 3.675  | 3.168  | 2.482  | 2.469  | 2.745  | 2.932  | 3.743  | 5.268  | 4.982  | 5.207  |
|                | TOT OBS | 296    | 283    | 310    | 300    | 303    | 300    | 303    | 310    | 293    | 310    | 288    | 292    | 3593   |
| 1600           | MEAN    | 1018.5 | 1016.4 | 1013.6 | 1012.1 | 1009.8 | 1009.1 | 1009.5 | 1009.3 | 1009.7 | 1013.2 | 1016.0 | 1018.3 | 1012.9 |
|                | SD      | 5.337  | 4.845  | 4.524  | 3.401  | 2.957  | 2.382  | 2.394  | 2.638  | 2.822  | 3.582  | 4.949  | 4.826  | 5.151  |
|                | TOT OBS | 296    | 282    | 310    | 300    | 308    | 300    | 301    | 310    | 294    | 310    | 288    | 283    | 3582   |
| 1900           | MEAN    | 1019.7 | 1017.6 | 1014.5 | 1012.8 | 1010.5 | 1009.7 | 1010.2 | 1010.1 | 1010.7 | 1014.4 | 1017.3 | 1019.6 | 1013.8 |
|                | SD      | 5.494  | 4.892  | 4.513  | 3.262  | 2.780  | 2.271  | 2.386  | 2.502  | 2.777  | 3.580  | 5.032  | 4.919  | 5.298  |
|                | TOT OBS | 297    | 281    | 310    | 300    | 306    | 300    | 303    | 310    | 296    | 310    | 289    | 275    | 3577   |
| 2200           | MEAN    | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     |
|                | SD      | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   | .000   |
|                | TOT OBS | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ALL<br>HOURS   | MEAN    | 1020.1 | 1018.1 | 1015.2 | 1013.7 | 1011.2 | 1010.4 | 1011.0 | 1011.0 | 1011.5 | 1014.8 | 1017.6 | 1020.0 | 1014.5 |
|                | SD      | 5.822  | 5.303  | 4.948  | 3.781  | 3.256  | 2.641  | 2.695  | 2.938  | 3.198  | 3.953  | 5.379  | 5.208  | 5.471  |
|                | TOT OBS | 1481   | 1412   | 1548   | 1500   | 1539   | 1500   | 1513   | 1550   | 1474   | 1550   | 1439   | 1439   | 17945  |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89

| HOURS<br>(LST) | STATS   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|----------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0100           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 0400           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 0700           | MEAN    | 30.15 | 30.10 | 30.03 | 30.01 | 29.96 | 29.95 | 29.99 | 29.98 | 29.98 | 30.05 | 30.10 | 30.14 | 30.04 |
|                | SD      | .163  | .154  | .151  | .111  | .091  | .076  | .071  | .076  | .089  | .110  | .152  | .145  | .137  |
|                | TOT OBS | 297   | 283   | 309   | 300   | 309   | 300   | 303   | 310   | 297   | 310   | 290   | 296   | 3604  |
| 1000           | MEAN    | 30.18 | 30.13 | 30.05 | 30.02 | 29.96 | 29.95 | 29.98 | 29.99 | 29.99 | 30.07 | 30.12 | 30.17 | 30.05 |
|                | SD      | .166  | .154  | .150  | .112  | .093  | .075  | .072  | .077  | .089  | .110  | .152  | .147  | .144  |
|                | TOT OBS | 297   | 283   | 310   | 300   | 308   | 300   | 303   | 310   | 295   | 310   | 289   | 295   | 3600  |
| 1300           | MEAN    | 30.11 | 30.07 | 30.00 | 29.97 | 29.92 | 29.91 | 29.94 | 29.94 | 29.93 | 30.00 | 30.05 | 30.10 | 29.99 |
|                | SD      | .159  | .149  | .142  | .106  | .089  | .073  | .072  | .077  | .085  | .106  | .148  | .143  | .135  |
|                | TOT OBS | 297   | 283   | 310   | 300   | 308   | 300   | 303   | 310   | 294   | 310   | 290   | 293   | 3598  |
| 1600           | MEAN    | 30.09 | 30.04 | 29.96 | 29.93 | 29.88 | 29.88 | 29.90 | 29.90 | 29.90 | 29.97 | 30.03 | 30.08 | 29.96 |
|                | SD      | .152  | .141  | .135  | .098  | .081  | .070  | .068  | .074  | .081  | .103  | .140  | .139  | .133  |
|                | TOT OBS | 298   | 282   | 310   | 300   | 308   | 300   | 302   | 310   | 294   | 310   | 290   | 284   | 3588  |
| 1900           | MEAN    | 30.11 | 30.06 | 29.98 | 29.95 | 29.90 | 29.90 | 29.92 | 29.91 | 29.92 | 30.00 | 30.05 | 30.10 | 29.98 |
|                | SD      | .153  | .139  | .133  | .095  | .078  | .067  | .068  | .071  | .080  | .101  | .140  | .138  | .133  |
|                | TOT OBS | 297   | 281   | 310   | 300   | 306   | 300   | 303   | 310   | 296   | 310   | 290   | 274   | 3577  |
| 2200           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ALL<br>HOURS   | MEAN    | 30.13 | 30.08 | 30.00 | 29.98 | 29.92 | 29.92 | 29.95 | 29.94 | 29.94 | 30.02 | 30.07 | 30.12 | 30.00 |
|                | SD      | .162  | .151  | .146  | .110  | .092  | .078  | .078  | .084  | .092  | .112  | .150  | .146  | .140  |
|                | TOT OBS | 1486  | 1412  | 1549  | 1500  | 1539  | 1500  | 1514  | 1550  | 1476  | 1550  | 1449  | 1442  | 17967 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89

| HOURS<br>(LST) | STATS   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|----------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0100           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 0400           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 0700           | MEAN    | 27.72 | 27.67 | 27.61 | 27.59 | 27.54 | 27.54 | 27.57 | 27.57 | 27.57 | 27.63 | 27.67 | 27.71 | 27.61 |
|                | SD      | .153  | .144  | .141  | .104  | .085  | .070  | .066  | .071  | .083  | .103  | .142  | .135  | .128  |
|                | TOT OBS | 296   | 283   | 308   | 300   | 309   | 300   | 303   | 310   | 297   | 310   | 290   | 297   | 3603  |
| 1000           | MEAN    | 27.75 | 27.70 | 27.63 | 27.60 | 27.54 | 27.53 | 27.57 | 27.57 | 27.57 | 27.64 | 27.69 | 27.74 | 27.63 |
|                | SD      | .155  | .144  | .140  | .104  | .087  | .070  | .067  | .072  | .083  | .103  | .142  | .138  | .135  |
|                | TOT OBS | 297   | 283   | 310   | 300   | 308   | 300   | 303   | 310   | 295   | 310   | 289   | 295   | 3600  |
| 1300           | MEAN    | 27.68 | 27.65 | 27.58 | 27.56 | 27.50 | 27.50 | 27.53 | 27.53 | 27.52 | 27.59 | 27.63 | 27.68 | 27.58 |
|                | SD      | .148  | .139  | .133  | .099  | .083  | .069  | .067  | .072  | .079  | .099  | .138  | .133  | .126  |
|                | TOT OBS | 297   | 283   | 310   | 300   | 308   | 300   | 303   | 310   | 294   | 310   | 290   | 293   | 3598  |
| 1600           | MEAN    | 27.66 | 27.61 | 27.54 | 27.52 | 27.47 | 27.47 | 27.49 | 27.48 | 27.48 | 27.56 | 27.61 | 27.66 | 27.55 |
|                | SD      | .142  | .132  | .126  | .092  | .076  | .065  | .064  | .069  | .075  | .096  | .130  | .129  | .124  |
|                | TOT OBS | 297   | 282   | 310   | 300   | 308   | 300   | 302   | 310   | 294   | 310   | 290   | 285   | 3588  |
| 1900           | MEAN    | 27.68 | 27.64 | 27.56 | 27.53 | 27.49 | 27.49 | 27.51 | 27.50 | 27.50 | 27.58 | 27.63 | 27.68 | 27.56 |
|                | SD      | .143  | .129  | .124  | .089  | .073  | .063  | .064  | .066  | .074  | .095  | .130  | .129  | .124  |
|                | TOT OBS | 297   | 281   | 310   | 300   | 306   | 300   | 303   | 310   | 296   | 310   | 290   | 274   | 3577  |
| 2200           | MEAN    | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00   |
|                | SD      | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  | .000  |
|                | TOT OBS | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ALL<br>HOURS   | MEAN    | 27.70 | 27.65 | 27.58 | 27.56 | 27.51 | 27.50 | 27.53 | 27.53 | 27.53 | 27.60 | 27.65 | 27.69 | 27.59 |
|                | SD      | .152  | .141  | .136  | .103  | .086  | .073  | .073  | .078  | .086  | .104  | .140  | .136  | .131  |
|                | TOT OBS | 1484  | 1412  | 1548  | 1500  | 1539  | 1500  | 1514  | 1550  | 1476  | 1550  | 1449  | 1444  | 17966 |

|          |           |          |          |          |
|----------|-----------|----------|----------|----------|
| PPPPPPPP | AAAAAA    | RRRRRRRR | TTTTTTTT | GGGGGG   |
| PPPPPPPP | AAAAAAA   | RRRRRRRR | TTTTTTTT | 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 GGG   |
| PP       | AAAAAAAAA | RR RR    | TT       | GG GGGG  |
| PP       | AA AA     | RR RR    | TT       | GG GG    |
| PP       | AA AA     | RR RR    | TT       | GGGGGGGG |
| PP       | AA AA     | RR RR    | TT       | GGGGGG   |

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: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 51  | .6          | .1   |      | 890 | 1.6         | 1.2  | .1   | 891 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 51  | .8          | .6   | .4   | 890 | 2.9         | 2.1  | 1.3  | 891 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 3.0         | 1.9  | .6   | 891 | 3.7         | 1.6  | .4   | 892 | 1.0         | .3   | .1   | 891 | .7          |      |      | 297 |
| CATEGORY B  | 5.8         | 4.4  | 2.7  | 891 | 6.7         | 4.4  | 2.6  | 892 | 2.6         | 2.0  | .7   | 891 | 1.3         | 1.3  | .3   | 297 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 2.0         | 1.0  | .2   | 4455 | 1.9       | 1.0  | .2   | 4803 |
| CATEGORY B | 3.8         | 2.7  | 1.5  | 4455 | 3.6       | 2.6  | 1.5  | 4803 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | 2.4         | 2.4  |      | 42  | 1.2         | .4   | .2   | 847 | 1.4         | .7   |      | 849 |
| CATEGORY B  |             |      |      | 0   | 2.4         | 2.4  |      | 42  | 2.5         | 1.4  | 1.2  | 847 | 3.4         | 2.2  | 1.2  | 849 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 4.4         | 3.3  | 1.3  | 849 | 5.8         | 4.3  | 2.4  | 847 | 3.0         | 1.9  | .5   | 843 | 2.1         | 1.8  | .7   | 281 |
| CATEGORY B  | 8.1         | 6.0  | 4.6  | 849 | 9.6         | 7.4  | 5.3  | 847 | 5.0         | 3.6  | 2.4  | 843 | 3.2         | 2.8  | 2.1  | 281 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 3.1         | 2.1  | .9   | 4235 | 3.1       | 2.1  | .9   | 4558 |
| CATEGORY B | 5.7         | 4.1  | 2.9  | 4235 | 5.5       | 4.0  | 2.9  | 4558 |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810 STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 18  | 3.5         | 1.6  | .3   | 927 | 5.7         | 3.2  | .9   | 930 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 18  | 4.9         | 3.8  | 2.3  | 927 | 8.7         | 7.0  | 4.7  | 930 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 8.6         | 4.8  | 1.9  | 930 | 13.8        | 8.3  | 3.7  | 930 | 6.5         | 3.2  | 1.2  | 929 | 2.6         | 1.9  | .3   | 309 |
| CATEGORY B  | 14.2        | 12.0 | 7.8  | 930 | 21.2        | 16.0 | 11.2 | 93  | 9.8         | 7.2  | 4.8  | 929 | 4.2         | 3.6  | 1.6  | 309 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 7.6         | 4.2  | 1.6  | 4646 | 7.3       | 4.1  | 1.5  | 4973 |
| CATEGORY B | 11.8        | 9.2  | 6.2  | 4646 | 11.2      | 8.8  | 5.9  | 4973 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | 1.7         | 1.7  | .8   | 119 | 3.1         | 1.8  | .6   | 900 | 6.2         | 4.1  | 1.7  | 900 |
| CATEGORY B  |             |      |      | 0   | 2.5         | 2.5  | 1.7  | 119 | 5.1         | 3.8  | 3.1  | 900 | 10.1        | 7.8  | 5.1  | 900 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 10.7        | 7.9  | 3.2  | 900 | 15.4        | 10.2 | 5.7  | 900 | 9.3         | 6.0  | 2.4  | 900 | 6.2         | 4.9  | 3.1  | 225 |
| CATEGORY B  | 16.3        | 13.0 | 10.0 | 900 | 21.1        | 17.6 | 13.4 | 900 | 13.0        | 10.0 | 6.2  | 900 | 8.9         | 6.7  | 4.9  | 225 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 9.0         | 6.0  | 2.7  | 4500 | 8.6       | 5.8  | 2.7  | 4844 |
| CATEGORY B | 13.1        | 10.4 | 7.6  | 4500 | 12.7      | 10.1 | 7.3  | 4844 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | 1.0         | .7   | .7   | 307 | 1.9         | 1.3  | .4   | 927 | 4.5         | 2.8  | 1.3  | 924 |
| CATEGORY B  |             |      |      | 0   | 1.3         | .7   | .7   | 307 | 3.6         | 2.9  | 1.9  | 927 | 9.6         | 6.8  | 3.8  | 924 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 8.2         | 5.2  | 1.8  | 925 | 14.1        | 8.9  | 3.3  | 922 | 8.5         | 4.4  | 1.6  | 918 |             |      |      | 21  |
| CATEGORY B  | 15.4        | 11.0 | 7.5  | 925 | 21.9        | 17.9 | 12.0 | 922 | 14.2        | 11.0 | 6.6  | 918 | 4.8         | 4.8  |      | 21  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 7.5         | 4.5  | 1.7  | 4616 | 7.0       | 4.2  | 1.5  | 4944 |
| CATEGORY B | 12.9        | 9.9  | 6.4  | 4616 | 12.2      | 9.3  | 6.0  | 4944 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 297 | .6          | .2   | .1   | 900 | 1.1         | .3   | .1   | 900 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 297 | 1.7         | 1.0  | .4   | 900 | 3.3         | 2.2  | 1.0  | 900 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 5.1         | 2.4  | .9   | 900 | 12.1        | 7.2  | 2.2  | 900 | 8.1         | 4.1  | 1.2  | 900 |             |      |      | 43  |
| CATEGORY B  | 8.8         | 5.4  | 3.2  | 900 | 18.3        | 14.3 | 10.3 | 900 | 13.1        | 9.6  | 5.7  | 900 |             |      |      | 43  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 5.4         | 2.9  | .9   | 4500 | 5.0       | 2.7  | .8   | 4840 |
| CATEGORY B | 90          | 6.5  | 4.1  | 4500 | 8.4       | 6.1  | 3.8  | 4840 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 302 |             |      |      | 909 | .9          | .4   | .2   | 909 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 302 | .6          | .3   |      | 909 | 1.2         | .8   | .6   | 909 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 1.4         | .6   |      | 909 | 6.5         | 3.9  | 1.4  | 908 | 4.9         | 3.1  | .4   | 910 |             |      |      | 44  |
| CATEGORY B  | 4.4         | 2.5  | 1.1  | 909 | 10.7        | 7.5  | 5.0  | 908 | 7.8         | 5.4  | 3.3  | 910 |             |      |      | 44  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 2.8         | 1.6  | .4   | 4545 | 2.6       | 1.5  | .4   | 4891 |
| CATEGORY B | 4.9         | 3.3  | 20   | 4545 | 4.6       | 3.1  | 1.8  | 4891 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 309 | .2          | .2   |      | 930 |             |      |      | 930 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 309 | .4          | .2   |      | 930 | 1.0         | .8   | .2   | 930 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 1.1         | .6   | .2   | 930 | 4.7         | 2.8  | .5   | 930 | 2.6         | 1.2  | .4   | 930 |             |      |      | 40  |
| CATEGORY B  | 4.3         | 2.8  | 1.7  | 930 | 7.6         | 5.2  | 3.9  | 930 | 4.4         | 2.9  | 1.5  | 930 |             |      |      | 40  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 1.7         | 1.0  | .2   | 4650 | 1.6       | .9   | .2   | 4999 |
| CATEGORY B | 3.5         | 2.4  | 1.5  | 4650 | 3.3       | 2.2  | 1.4  | 4999 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | .3          |      |      | 295 | .1          |      |      | 891 | .8          | .1   |      | 885 |
| CATEGORY B  |             |      |      | 0   | .7          | .3   | .3   | 295 | .6          | .1   |      | 891 | 1.1         | .8   | .6   | 885 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 1.1         | .7   |      | 882 | 4.8         | 2.5  | .3   | 884 | 2.4         | .7   | .1   | 888 |             |      |      | 38  |
| CATEGORY B  | 4.9         | 3.4  | 1.2  | 882 | 7.9         | 5.8  | 3.6  | 884 | 3.6         | 2.5  | 1.7  | 888 |             |      |      | 38  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 1.8         | .8   | .1   | 4430 | 1.7       | .7   | .1   | 4763 |
| CATEGORY B | 3.6         | 2.5  | 1.4  | 4430 | 3.4       | 2.4  | 1.3  | 4763 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | .7          | .7   |      | 276 | .9          | .1   | .1   | 930 | 2.3         | 1.2  | .2   | 930 |
| CATEGORY B  |             |      |      | 0   | 1.1         | .7   | .4   | 276 | 1.8         | 1.3  | .9   | 930 | 3.9         | 2.7  | 1.8  | 930 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 3.4         | 2.3  | .9   | 930 | 4.6         | 3.0  | 1.6  | 930 | 2.5         | 1.4  | .5   | 929 | 3.9         | 1.3  |      | 77  |
| CATEGORY B  | 5.7         | 4.4  | 3.2  | 930 | 8.2         | 7.1  | 4.9  | 930 | 4.3         | 2.9  | 1.5  | 929 | 5.2         | 3.9  | 1.3  | 77  |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 2.7         | 1.6  | .7   | 4649 | 2.6       | 1.5  | .6   | 5002 |
| CATEGORY B | 4.8         | 3.7  | 2.5  | 4649 | 4.6       | 3.5  | 2.3  | 5002 |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
MONTH: NOV

CATEGORY : 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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   |             |      |      | 64  | 1.8         | .9   | .2   | 870 | 3.5         | 2.1  | .5   | 869 |
| CATEGORY B  |             |      |      | 0   |             |      |      | 64  | 3.8         | 2.8  | 1.5  | 870 | 6.0         | 4.8  | 3.5  | 869 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 8.0         | 5.1  | 2.1  | 870 | 6.8         | 4.5  | 1.8  | 870 | 2.5         | 1.4  | .1   | 870 | .7          |      |      | 288 |
| CATEGORY B  | 11.8        | 9.3  | 6.5  | 870 | 8.5         | 6.8  | 5.6  | 870 | 4.1         | 3.3  | 1.8  | 870 | 2.1         | 1.7  | .7   | 288 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 4.5         | 2.8  | .9   | 4349 | 4.2       | 2.6  | .9   | 4701 |
| CATEGORY B | 6.9         | 5.4  | 3.8  | 4349 | 6.5       | 5.1  | 3.6  | 4701 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  |             |      |      | 0   | 3.3         | 1.7  |      | 60  | 2.1         | 1.2  | .5   | 886 | 2.0         | 1.4  | 1.0  | 886 |
| CATEGORY B  |             |      |      | 0   | 3.3         | 3.3  | 1.7  | 60  | 2.7         | 2.0  | 1.9  | 886 | 3.4         | 2.8  | 2.3  | 886 |

| TIME (LST)  | 1200 - 1400 |      |      |     | 1500 - 1700 |      |      |     | 1800 - 2000 |      |      |     | 2100 - 2300 |      |      |     |
|-------------|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|-------------|------|------|-----|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS |
| CATEGORY A  | 3.7         | 2.4  | 1.4  | 881 | 5.4         | 4.1  | 1.8  | 856 | 2.3         | 1.5  | .5   | 824 | 1.8         | 1.1  |      | 272 |
| CATEGORY B  | 6.1         | 4.5  | 3.4  | 881 | 7.6         | 6.7  | 4.4  | 856 | 3.4         | 3.0  | 2.2  | 824 | 2.9         | 2.6  | 1.8  | 272 |

| TIME (LST) | 0600 - 2000 |      |      |      | ALL HOURS |      |      |      |
|------------|-------------|------|------|------|-----------|------|------|------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS  | GE10      | GE12 | GE15 | OBS  |
| CATEGORY A | 3.1         | 2.1  | 1.0  | 4333 | 3.0       | 2.0  | .9   | 4665 |
| CATEGORY B | 4.6         | 3.8  | 2.8  | 4333 | 4.5       | 3.7  | 2.8  | 4665 |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 044-224

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: MAR 79 - FEB 89  
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        | GE12 | GE15 | OBS | GE10        | GE12 | GE15 | OBS  | GE10        | GE12 | GE15 | OBS   | GE10        | GE12 | GE15 | OBS   |
| CATEGORY A  |             |      |      | 0   | .5          | .4   | .1   | 2140 | 1.3         | .7   | .2   | 10807 | 2.5         | 1.5  | .5   | 10803 |
| CATEGORY B  |             |      |      | 0   | .7          | .5   | .3   | 2140 | 2.4         | 1.7  | 1.1  | 10807 | 4.6         | 3.4  | 2.2  | 10803 |

| TIME (LST)  | 1200 - 1400 |      |      |       | 1500 - 1700 |      |      |       | 1800 - 2000 |      |      |       | 2100 - 2300 |      |      |      |
|-------------|-------------|------|------|-------|-------------|------|------|-------|-------------|------|------|-------|-------------|------|------|------|
| SPEED (KTS) | GE10        | GE12 | GE15 | OBS   | GE10        | GE12 | GE15 | OBS   | GE10        | GE12 | GE15 | OBS   | GE10        | GE12 | GE15 | OBS  |
| CATEGORY A  | 4.9         | 3.1  | 1.2  | 10797 | 8.2         | 5.1  | 2.1  | 10769 | 4.5         | 2.4  | .8   | 10732 | 2.1         | 1.3  | .5   | 1935 |
| CATEGORY B  | 8.8         | 6.6  | 4.4  | 10797 | 12.5        | 9.8  | 6.9  | 10769 | 7.2         | 5.3  | 3.2  | 10732 | 3.4         | 2.8  | 1.6  | 1935 |

| TIME (LST) | 0600 - 2000 |      |      |       | ALL HOURS |      |      |       |
|------------|-------------|------|------|-------|-----------|------|------|-------|
| SPEED KTS  | GE10        | GE12 | GE15 | OBS   | GE10      | GE12 | GE15 | OBS   |
| CATEGORY A | 4.3         | 2.6  | 1.0  | 53908 | 4.1       | 2.4  | .9   | 57983 |
| CATEGORY B | 7.1         | 5.4  | 3.6  | 53908 | 6.7       | 5.1  | 3.4  | 57983 |

|          |           |          |           |          |    |
|----------|-----------|----------|-----------|----------|----|
| PPPPPPP  | AAAAAA    | RRRRRRR  | TTTTTTTTT | HH       | HH |
| PPPPPPPP | AAAAAAA   | RRRRRRRR | TTTTTTTTT | HH       | HH |
| PP PP    | AA AA     | RR RR    | TT        | HH       | HH |
| PP PP    | AA AA     | RR RR    | TT        | HH       | HH |
| PPPPPPPP | AA AA     | RRRRRRRR | TT        | HHHHHHHH | HH |
| PPPPPPPP | AAAAAAAAA | RRRRRRR  | TT        | HHHHHHHH | HH |
| PP       | AAAAAAAAA | RR RR    | TT        | HH       | HH |
| PP       | AA AA     | RR RR    | TT        | HH       | HH |
| PP       | AA AA     | RR RR    | TT        | HH       | HH |
| PP       | AA AA     | RR RR    | TT        | HH       | HH |

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE 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: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: JAN 43 - DEC 73

| YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP  | OCT | NOV | DEC | ANN  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|
| 1943  | 606 | 405 | 273 | 109 | 30  | 21  |     |     |      | 124 | 395 | 599 | 2562 |
| 1944  | 647 | 574 | 375 | 255 | 58  | 35  |     |     | 5    | 28  | 418 | 598 | 2993 |
| 1945  | 590 | 434 | 492 | 211 | 54  | 4   |     |     | 9    | 70  | 403 | 627 | 2894 |
| 1946  | 597 | 515 | 391 | 109 | 48  |     |     |     | **** | 170 | 491 | 536 | 2857 |
| 1947  | 664 | 367 | 277 | 153 | 22  | 2   |     |     | 2    | 81  | 501 | 667 | 2736 |
| 1948  | 568 | 537 | 523 | 204 | 92  | 8   |     |     | 24   | 77  | 434 | 694 | 3161 |
| 1949  | 961 | 609 | 472 | 87  | 71  |     |     |     | 1    | 160 | 223 | 672 | 3256 |
| 1950  | 710 | 375 | 309 | 98  | 88  | 12  |     |     | 14   | 32  | 227 | 404 | 2269 |
| 1951  | 594 | 467 | 352 | 181 | 63  |     |     |     |      | 88  | 408 | 680 | 2833 |
| 1952  | 726 | 485 | 546 | 175 | 14  | 6   |     |     | 8    | 12  | 490 | 649 | 3111 |
| 1953  | 478 | 514 | 388 | 218 | 178 | 17  |     | 1   |      | 125 | 343 | 666 | 2928 |
| 1954  | 602 | 332 | 444 | 87  | 19  | 17  |     |     |      | 78  | 322 | 681 | 2582 |
| 1955  | 735 | 595 | 356 | 274 | 105 | 8   |     |     | 3    | 49  | 400 | 518 | 3043 |
| 1956  | 487 | 553 | 315 | 215 | 76  |     |     |     |      | 164 | 476 | 674 | 2960 |
| 1957  | 749 | 340 | 331 | 198 | 116 |     |     |     | 2    | 173 | 498 | 625 | 3032 |
| 1958  | 600 | 375 | 534 | 231 | 25  | 1   |     |     | 7    | 87  | 433 | 554 | 2847 |
| 1959  | 558 | 547 | 292 | 62  | 67  |     |     |     | 13   | 52  | 387 | 640 | 2618 |
| 1960  | 736 | 548 | 225 | 157 | 57  |     |     |     |      | 130 | 456 | 670 | 2979 |
| 1961  | 651 | 438 | 347 | 150 | 69  | 6   |     |     | 14   | 172 | 499 | 674 | 3020 |
| 1962  | 672 | 505 | 521 | 91  | 137 | 16  |     |     |      | 110 | 378 | 632 | 3062 |
| 1963  | 737 | 276 | 434 | 369 | 36  | 19  |     |     | 5    | 89  | 433 | 672 | 3070 |
| 1964  | 732 | 648 | 508 | 272 | 144 | 19  |     |     | 1    | 38  | 575 | 560 | 3497 |
| 1965  | 591 | 498 | 421 | 286 | 112 | 32  |     |     | 30   | 57  | 362 | 738 | 3127 |
| 1966  | 781 | 625 | 380 | 155 | 31  | 4   |     |     | 1    | 137 | 402 | 696 | 3212 |
| 1967  | 659 | 510 | 400 | 506 | 116 | 37  |     |     |      | 75  | 288 | 767 | 3358 |
| 1968  | 710 | 372 | 414 | 253 | 82  | 18  |     |     | 22   | 98  | 425 | 817 | 3211 |

|       |  |       |       |       |       |       |       |     |      |       |       |       |      |
|-------|--|-------|-------|-------|-------|-------|-------|-----|------|-------|-------|-------|------|
| 1969  |  | 561   | 577   | 460   | 222   | 47    | 10    |     |      | 232   | 427   | 621   | 3157 |
| 1970  |  | 603   | 429   | 393   | 339   | 41    | 9     |     |      | 167   | 375   | 667   | 3023 |
| 1971  |  | 658   | 505   | 362   | 276   | 141   | 20    |     | 33   | 291   | 457   | 735   | 3478 |
| 1972  |  | 712   | 43    | 189   | 180   | 66    |       |     | 4    | 182   | 470   | 741   | 2987 |
| 1973  |  | 718   | 458   | 517   | 224   | 33    | 3     | 1   | 6    | 189   | 494   | ****  | 2643 |
| ..... |  |       |       |       |       |       |       |     |      |       |       |       |      |
| MEAN  |  | 657   | 479   | 394   | 204   | 72    | 10    | 0   | 6    | 114   | 415   | 649   |      |
| SD    |  | 95.60 | 93.74 | 93.57 | 94.27 | 42.01 | 10.84 | .25 | 9.36 | 64.56 | 78.68 | 80.95 |      |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723810

STATION NAME: EDWARDS AFB CA  
LST TO UTC: + 8

PERIOD OF RECORD: JAN 43 - DEC 73

| YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP  | OCT | NOV | DEC | ANN  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|
| 1943  |     |     | 2   | 48  | 173 | 196 | 517 | 478 | 368  | 111 |     |     | 1893 |
| 1944  |     |     |     | 3   | 83  | 136 | 427 | 488 | 328  | 33  |     |     | 1498 |
| 1945  |     |     |     | 54  | 84  | 297 | 646 | 505 | 352  | 76  | 3   |     | 2017 |
| 1946  |     |     |     | 79  | 120 | 334 | 567 | 563 | **** | 6   |     |     | 1669 |
| 1947  |     |     |     | 51  | 241 | 280 | 509 | 429 | 391  | 63  |     |     | 1964 |
| 1948  |     |     |     | 14  | 105 | 294 | 473 | 445 | 341  | 53  |     |     | 1725 |
| 1949  |     |     |     | 66  | 103 | 380 | 540 | 430 | 358  | 69  |     |     | 1946 |
| 1950  |     |     | 5   | 82  | 179 | 284 | 582 | 538 | 262  | 114 | 8   |     | 2054 |
| 1951  |     |     |     | 22  | 164 | 310 | 583 | 486 | 394  | 49  |     |     | 2008 |
| 1952  |     |     |     | 4   | 187 | 164 | 549 | 553 | 343  | 140 |     |     | 1940 |
| 1953  |     |     |     | 23  | 20  | 213 | 653 | 443 | 354  | 70  | 1   |     | 1777 |
| 1954  |     |     | 2   | 99  | 253 | 310 | 634 | 402 | 288  | 82  |     |     | 2070 |
| 1955  |     |     |     | 2   | 92  | 274 | 480 | 625 | 357  | 80  |     |     | 1910 |
| 1956  |     |     | 1   | 23  | 103 | 365 | 501 | 396 | 354  | 28  |     |     | 1771 |
| 1957  |     |     |     | 1   | 57  | 397 | 514 | 465 | 255  | 3   |     |     | 1692 |
| 1958  |     |     |     | 20  | 162 | 248 | 470 | 580 | 311  | 106 |     |     | 1897 |
| 1959  |     |     |     | 38  | 66  | 420 | 677 | 495 | 252  | 94  |     |     | 2042 |
| 1960  |     |     |     | 39  | 137 | 501 | 629 | 502 | 365  | 59  |     |     | 2232 |
| 1961  |     |     |     | 46  | 59  | 475 | 630 | 493 | 184  | 53  |     |     | 1940 |
| 1962  |     |     |     | 33  | 57  | 289 | 479 | 505 | 270  | 25  |     |     | 1658 |
| 1963  |     |     |     | 2   | 113 | 192 | 483 | 418 | 290  | 57  |     |     | 1555 |
| 1964  |     |     |     | 2   | 92  | 265 | 520 | 489 | 201  | 131 |     |     | 1700 |
| 1965  |     |     |     | 40  | 80  | 188 | 467 | 500 | 122  | 79  |     |     | 1571 |
| 1966  |     |     |     | 21  | 132 | 310 | 515 | 610 | 299  | 39  | 1   |     |      |
| 1967  |     |     |     |     | 130 | 211 | 618 | 607 | 270  | 49  | 5   |     |      |
| 1968  |     |     |     | 1   | 110 | 344 | 519 | 346 | 238  | 19  |     |     | 1577 |



|       |  |      |       |       |       |       |       |       |       |      |      |
|-------|--|------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1969  |  | 4    | 5     | 173   | 237   | 534   | 590   | 339   | 17    |      | 1899 |
| 1970  |  |      | 1     | 126   | 320   | 620   | 597   | 195   | 43    |      | 1902 |
| 1971  |  | 3    | 1     | 40    | 298   | 553   | 567   | 302   | 61    |      | 1825 |
| 1972  |  | 4    | 6     | 118   | 306   | 580   | 457   | 184   | 19    |      | 1674 |
| 1973  |  |      | 11    | 173   | 354   | 497   | 423   | 140   | 10    | **** | 1608 |
| ..... |  |      |       |       |       |       |       |       |       |      |      |
| MEAN  |  | 0    | 27    | 120   | 296   | 547   | 497   | 290   | 59    | 0    |      |
| SD    |  | 1.42 | 27.64 | 55.00 | 85.08 | 65.77 | 71.36 | 74.49 | 36.44 | 1.73 |      |

|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------------------|-----|
| A W S                                                                      | STATION NAME: EDWARDS AFB CA                                                 |         |       |       |       |       |       |       |       |         |         |         | FIELD ELEV: 2302 FT |     |
| CLIMATIC BRIEF<br>(LIMITED)                                                | LATITUDE/LONGITUDE: 34 54 N 117 53 W                                         |         |       |       |       |       |       |       |       |         |         |         | STATION MSC: 723810 |     |
|                                                                            | HOURLY OBS POR: MAR 79 - FEB 89                                              |         |       |       |       |       |       |       |       |         |         |         | CALL SIGN: KEDW     |     |
|                                                                            | SUMMARY OF DAY POR: JAN 42 - DEC 73 (FULL TIME), JAN 74 - FEB 89 (PART TIME) |         |       |       |       |       |       |       |       |         |         |         | SUPERSEDES: JAN 85  |     |
| MAR 90                                                                     | HOURS SUMMARIZED: 00-23 LST (4201-7312), 05-21 LST (7401-8902)               |         |       |       |       |       |       |       |       |         |         |         |                     |     |
|                                                                            | LST TO UTC: +08                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MONTH                                                                      | JAN                                                                          | FEB     | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT     | NOV     | DEC     | ANN                 | YOR |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| EXTRM MAX TEMP (F)                                                         | 83                                                                           | 82      | 87    | 101   | 105   | 112   | 113   | 112   | 109   | 102     | 87      | 84      | 113                 | 47  |
| MEAN MAX TEMP (F)                                                          | 57                                                                           | 61      | 65    | 72    | 81    | 91    | 98    | 97    | 90    | 79      | 65      | 57      | 76                  | 47  |
| MEAN TEMP (F)                                                              | 44                                                                           | 48      | 52    | 59    | 66    | 75    | 82    | 81    | 74    | 63      | 51      | 44      | 62                  | 47  |
| MEAN MIN TEMP (F)                                                          | 31                                                                           | 35      | 39    | 44    | 51    | 59    | 66    | 64    | 57    | 47      | 36      | 31      | 47                  | 47  |
| EXTRM MIN TEMP (F)                                                         | 4                                                                            | 14      | 19    | 27    | 32    | 41    | 47    | 47    | 34    | 20      | 13      | 7       | 4                   | 47  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| D/W TEMP GE 100 (F)                                                        | 0                                                                            | 0       | 0     | #     | 1     | 5     | 15    | 11    | 4     | #       | 0       | 0       | 36                  | 47  |
| D/W TEMP GE 90 (F)                                                         | 0                                                                            | 0       | 0     | 1     | 7     | 18    | 29    | 27    | 18    | 4       | 0       | 0       | 104                 | 47  |
| D/W TEMP LT 40 (F)                                                         | 26                                                                           | 21      | 16    | 7     | 1     | 0     | 0     | 0     | #     | 5       | 20      | 27      | 123                 | 47  |
| D/W TEMP LT 33 (F)                                                         | 19                                                                           | 11      | 5     | 1     | #     | 0     | 0     | 0     | 0     | 1       | 10      | 20      | 67                  | 47  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| HEATING DEGREE DAYS                                                        | 657                                                                          | 479     | 394   | 204   | 72    | 10    | 0     | #     | 6     | 114     | 415     | 649     | 3000                | 31  |
| COOLING DEGREE DAYS                                                        | 0                                                                            | 0       | #     | 27    | 120   | 296   | 547   | 497   | 290   | 59      | #       | 0       | 1836                | 31  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MEAN DEWPOINT TEMP (F)                                                     | 29                                                                           | 30      | 33    | 33    | 38    | 40    | 43    | 45    | 42    | 34      | 30      | 27      | 35                  | 10  |
| MEAN WET BULB TEMP (F)                                                     | 40                                                                           | 42      | 45    | 49    | 54    | 59    | 62    | 62    | 58    | 51      | 44      | 39      | 50                  | 10  |
| 99.95% WCPA (FT)                                                           | 2550                                                                         | 2550    | 2600  | 2500  | 2500  | 2450  | 2450  | 2450  | 2500  | 2500    | 2550    | 2500    | 2550                | 10  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MEAN REL HUM 07 LST(%)                                                     | 69.9                                                                         | 66.3    | 66.2  | 53.6  | 48.0  | 38.5  | 37.3  | 41.4  | 48.5  | 50.2    | 58.7    | 63.4    | 53.4                | 10  |
| MEAN REL HUM 13 LST(%)                                                     | 39.8                                                                         | 35.7    | 36.4  | 25.9  | 22.4  | 17.4  | 16.9  | 19.6  | 22.0  | 24.1    | 31.9    | 39.5    | 27.5                | 10  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MAX 24HR PRECIP (IN)                                                       | 2.72                                                                         | 2.49    | 3.38  | 1.18  | .60   | .37   | .37   | .91   | 1.22  | 1.28    | 1.49    | 1.57    | 3.38                | 47  |
| MAX PRECIP (IN)                                                            | 5.53                                                                         | 4.40    | 5.68  | 1.76  | .72   | .38   | .45   | 1.79  | 1.32  | 1.65    | 3.45    | 4.42    | 15.68               | 47  |
| MEAN PRECIP (IN)                                                           | .94                                                                          | .84     | .84   | .28   | .06   | .04   | .05   | .18   | .16   | .23     | .57     | .71     | 4.94                | 47  |
| MIN PRECIP (IN)                                                            | .00                                                                          | .00     | .00   | .00   | .00   | .00   | .00   | .00   | .00   | .00     | .00     | .00     | .85                 | 47  |
| D/W PRECIP GE .01 (IN)                                                     | 4                                                                            | 3       | 4     | 2     | 1     | 1     | 1     | 1     | 1     | 1       | 2       | 3       | 24                  | 47  |
| D/W PRECIP GT .50 (IN)                                                     | 1                                                                            | 1       | 1     | #     | #     | 0     | 0     | #     | #     | #       | 1       | 1       | 5                   | 47  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MAX 24HR SNFL (IN)                                                         | 6.5                                                                          | 1.8     | 1.4   | #     | 0     | 0     | 0     | 0     | 0     | 0       | 3.8     | 6.3     | 6.5                 | 43  |
| MAX SNFL (IN)                                                              | 11.5                                                                         | 2.6     | 1.4   | #     | 0     | 0     | 0     | 0     | 0     | 0       | 3.8     | 8.6     | 11.5                | 43  |
| MEAN SNFL (IN)                                                             | .9                                                                           | .1      | .1    | #     | 0     | 0     | 0     | 0     | 0     | 0       | .1      | .5      | 1.6                 | 43  |
| D/W SNFL GE .1 (IN)                                                        | 1                                                                            | #       | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | #       | 1       | 3                   | 43  |
| D/W SNFL GE 1.5 (IN)                                                       | 1                                                                            | #       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | #       | #       | 1                   | 43  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| MAX DLY SNO DEPTH (IN)                                                     | 9                                                                            | 5       | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 2       | 3       | 9                   | 43  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| PRVLNG WND DIR (DEG)                                                       | \$23-25                                                                      | \$23-25 | 23-25 | 23-25 | 23-25 | 23-25 | 23-25 | 23-25 | 23-25 | \$23-25 | \$23-25 | \$23-25 | 23-25               | 10  |
| MEAN WND SPD (KTS)                                                         | 4                                                                            | 5       | 7     | 8     | 9     | 8     | 8     | 7     | 6     | 5       | 5       | 4       | 6                   | 10  |
| MAX WND SPD (KTS)                                                          | 52                                                                           | 58      | 64    | 52    | 54    | 51    | 51    | 53    | 65    | 65      | 48      | 50      | 65                  | 43  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| SKY COVER GT 5/10 (%)                                                      | 40.0                                                                         | 46.6    | 39.0  | 33.4  | 23.0  | 14.6  | 15.0  | 13.6  | 17.0  | 24.1    | 31.0    | 41.3    | 28.3                | 10  |
| D/W THUNDERSTORMS                                                          | #                                                                            | #       | 1     | 1     | 1     | 1     | 1     | 2     | 1     | 1       | 1       | #       | 10                  | 40  |
| D/W FOG (VSBY LT 7 MI)                                                     | 3                                                                            | 2       | 1     | 1     | 1     | #     | #     | 1     | 1     | 1       | 1       | 2       | 14                  | 40  |
|                                                                            |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |
| 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 |                                                                              |         |       |       |       |       |       |       |       |         |         |         |                     |     |

CB-1

|                                                 |         | PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------------------------------------|---------|--------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MONTH                                           |         | JAN                                                    | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN | YOR |
| CIG<br>LT 3000 FT<br>AND/OR<br>VSBY<br>LT 3 MI  | LST     |                                                        |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | 05 - 05 | .0                                                     | 2.4 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .4  | 1.6 | 8.3 | 1.1 | 10  |
|                                                 | 06 - 08 | 2.0                                                    | 4.8 | .9  | .4  | .0  | .0  | .0  | .0  | .4  | .0  | 1.4 | 5.2 | 1.3 | 10  |
|                                                 | 09 - 11 | 1.5                                                    | 4.4 | 1.3 | .1  | .0  | .0  | .0  | .0  | .0  | .0  | 1.5 | 4.3 | 1.1 | 10  |
|                                                 | 12 - 14 | 1.6                                                    | 3.1 | 1.4 | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .8  | 3.9 | .9  | 10  |
|                                                 | 15 - 17 | 1.1                                                    | 2.0 | 1.7 | .0  | .0  | .0  | .0  | .0  | .0  | .2  | 1.1 | 2.7 | .7  | 10  |
|                                                 | 18 - 20 | 1.1                                                    | 1.5 | 1.5 | .0  | .0  | .0  | .0  | .0  | .0  | .3  | .6  | 2.2 | .6  | 10  |
|                                                 | 21 - 21 | .7                                                     | 1.1 | 1.3 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .7  | 1.5 | .4  | 10  |
|                                                 | ALL     | 1.4                                                    | 3.0 | 1.3 | .1  | .0  | .0  | .0  | .0  | .1  | .1  | 1.1 | 3.6 | .9  | 10  |
| CIG<br>LT 1500 FT<br>AND/OR<br>VSBY<br>LT 3 MI  | 05 - 05 | .0                                                     | 2.4 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .4  | 1.6 | 8.3 | 1.1 | 10  |
|                                                 | 06 - 08 | 1.3                                                    | 4.0 | .4  | .1  | .0  | .0  | .0  | .0  | .3  | .0  | .5  | 5.1 | 1.0 | 10  |
|                                                 | 09 - 11 | 1.0                                                    | 2.8 | .4  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .3  | 4.2 | .7  | 10  |
|                                                 | 12 - 14 | .4                                                     | 1.2 | .2  | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .1  | 2.4 | .4  | 10  |
|                                                 | 15 - 17 | .6                                                     | 1.3 | 1.1 | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .0  | 1.6 | .4  | 10  |
|                                                 | 18 - 20 | .3                                                     | .8  | 1.0 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 1.5 | .3  | 10  |
|                                                 | 21 - 21 | .0                                                     | .4  | .6  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .3  | 1.1 | .2  | 10  |
|                                                 | ALL     | .7                                                     | 1.9 | .6  | .0  | .0  | .0  | .0  | .0  | .1  | .1  | .2  | 2.9 | .5  | 10  |
| CIG<br>LT 1000 FT<br>AND/OR<br>VSBY<br>LT 2 MI  | 05 - 05 | .0                                                     | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .4  | 1.6 | 8.3 | .9  | 10  |
|                                                 | 06 - 08 | .4                                                     | 3.1 | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .0  | .5  | 4.4 | .7  | 10  |
|                                                 | 09 - 11 | .3                                                     | 1.9 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 3.2 | .4  | 10  |
|                                                 | 12 - 14 | .1                                                     | .7  | .1  | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .0  | 1.9 | .2  | 10  |
|                                                 | 15 - 17 | .1                                                     | .4  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 1.3 | .1  | 10  |
|                                                 | 18 - 20 | .0                                                     | .8  | .1  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 1.5 | .2  | 10  |
|                                                 | 21 - 21 | .0                                                     | .4  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .3  | 1.1 | .1  | 10  |
|                                                 | ALL     | .2                                                     | 1.3 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .1  | 2.5 | .3  | 10  |
| CIG<br>LT 200 FT<br>AND/OR<br>VSBY<br>LT 1/2 MI | 05 - 05 | .0                                                     | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 1.6 | 3.3 | .4  | 10  |
|                                                 | 06 - 08 | .3                                                     | 1.3 | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .2  | 2.0 | .3  | 10  |
|                                                 | 09 - 11 | .3                                                     | .4  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .8  | .1  | 10  |
|                                                 | 12 - 14 | .0                                                     | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 10  |
|                                                 | 15 - 17 | .0                                                     | .2  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | 10  |
|                                                 | 18 - 20 | .0                                                     | .2  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .0  | 10  |
|                                                 | 21 - 21 | .0                                                     | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .4  | .0  | 10  |
|                                                 | ALL     | .1                                                     | .4  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .0  | .1  | .6  | .1  | 10  |

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

|       |     |     |     |     |
|-------|-----|-----|-----|-----|
| HR/TS | JUL | AUG | SEP | ANN |
| 60NM  | 0/0 | 0/0 | 0/0 | 0/0 |
| 120NM | 0/0 | 0/0 | 0/0 | 0/0 |
| 240NM | 0/0 | 0/3 | 0/0 | 0/3 |

REMARKS : @ SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM EDWARDS AFB CA.

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