

AD-A199 864

USCA 745160

USAFETAC/OS-88/029

DTIC FILE 00

**OPERATING LOCATION - A**  
**USAFETAC**  
**Air Weather Service (MAC)**

DTIC  
ELECTRONIC  
AUG 01 1988



**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

TRAVIS AFB CA

MSC# 745160

N 38 16    W 121 56    ELEV 62 FT    KSUU

PARTS A - F    HOURS SUMMARIZED 0000 - 2300 LST

**PERIOD OF RECORD:**

HOURLY OBSERVATIONS: MAR 78 - FEB 88

SUMMARY OF DAY DATA: AUG 43 - FEB 88

1 JUL 1988

**FEDERAL BUILDING**

"Approved for public release;  
Distribution Unlimited"

**ASHEVILLE, N.C. 28801 - 2723**

REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
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19. Abstract: A six-part statistical data summary of surface weather observations for: Travis AFB CA. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
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- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

**REVIEW AND APPROVAL STATEMENT**

USAFETAC/DS-88/029 (RUSSWO) TRAVIS AFB CA Jul 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in cursive script, appearing to read "Walter S. Burghmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN  
Scientific and Technical Information Program Manager

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STATION NAME: TRAVIS AFB CA

STATION NUMBER: 74516C

CALL ID: KSUU

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: MAR 78 - FEB 88

SUMMARY OF DAY DATA: AUG 43 - FEB 88

TIME CONVERSION LST TO GMT: +8

NOTE: DUE TO ADVANCED AND MORE THOROUGH QUALITY ASSURANCE PROCEDURES EMPLOYED AT USAFETAC/OL-A, MINOR CHANGES TO THE DATA AND STATISTICAL VALUES FROM PREVIOUSLY PUBLISHED RUSSWOS MAY OCCUR.

OL-A/USAFETAC/MAC/AWS  
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: PRECIPITATION, SNOWFALL, AND SNOW DEPTH SUMMARIES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, IT A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.



|                 |         |
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| APR 11 1964     |         |
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|----------------------------------------------|------------------------------------------------------|-----------------------------------------|--|-----------------------|------------------|-----------------------|----------|---------------------|----------------|-----------------|-------------------|-------------------|--|
| STATION NO.<br>ON SUMMARY<br>745160          |                                                      | STATION NAME<br>TRAVIS AFB CA/FAIRFIELD |  | LATITUDE<br>N 38 16   |                  | LONGITUDE<br>W 121 03 |          | FLD ELEV (FT)<br>42 |                | CALL SIGN<br>WU |                   | WMO NMRR<br>71516 |  |
| 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                                            | Soisson AFB, Fairfield, CA<br>Travis AFB, CA<br>Same |                                         |  | APF                   | Jan 47           | May 48                | N 38 16  | W 121 03            | 42             | 42              | 1                 |                   |  |
| 2                                            |                                                      |                                         |  | Same                  | Jun 48           | Dec 71                | Same     | Same                | Same           | Same            | 1                 |                   |  |
| 3                                            |                                                      |                                         |  | Same                  | Jan 71           | Jan 88                | Same     | Same                | Same           | Same            | 1                 |                   |  |
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## WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

### WEATHER CONDITIONS SUMMARY:

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

### ATMOSPHERIC PHENOMENA SUMMARY:

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

### DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (SLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS (SLEET).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

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

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOW INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".C" INDICATES LESS THAN .05% OCCURRENCE (USUALLY ONLY ONE OCCURRENCE).
2. METAR STATIONS (BEGINNING IN JAN 1958) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CEST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | 10.6                    |                                   |                       |      | 10.6                    | 49.0 | 2.3                   |                 |                      | 49.5                            | 930          |
| 03-05          |       | 11.3                    |                                   |                       |      | 11.3                    | 53.2 | .5                    |                 |                      | 53.2                            | 930          |
| 06-08          | .1    | 12.5                    |                                   |                       |      | 12.5                    | 56.6 | .3                    |                 |                      | 56.6                            | 930          |
| 09-11          |       | 12.4                    |                                   |                       |      | 12.4                    | 53.2 | 3.5                   |                 |                      | 54.8                            | 930          |
| 12-14          |       | 12.3                    |                                   | .1                    |      | 12.3                    | 39.9 | 8.2                   |                 |                      | 45.4                            | 930          |
| 15-17          |       | 11.9                    |                                   |                       |      | 11.9                    | 33.9 | 11.1                  |                 |                      | 40.4                            | 930          |
| 18-20          |       | 10.2                    |                                   |                       |      | 10.2                    | 36.9 | 5.5                   |                 |                      | 40.0                            | 930          |
| 21-23          |       | 9.6                     |                                   |                       |      | 9.6                     | 41.4 | 4.6                   |                 |                      | 43.5                            | 930          |
| TOTALS         | .0    | 11.4                    |                                   | .0                    |      | 11.4                    | 45.5 | 4.5                   |                 |                      | 47.9                            | 7440         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CEST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          | .2    | 10.0                    |                                   |                       |      | 10.0                    | 13.3 | 1.8                   |                 |                      | 13.7                            | 849          |
| 03-05          | .1    | 9.5                     |                                   |                       |      | 9.5                     | 16.3 | 1.6                   |                 |                      | 16.6                            | 849          |
| 06-08          |       | 12.5                    |                                   |                       |      | 12.5                    | 23.2 | 1.2                   |                 |                      | 23.4                            | 849          |
| 09-11          | .1    | 11.8                    |                                   |                       |      | 11.8                    | 20.1 | 3.8                   |                 |                      | 11.8                            | 849          |
| 12-14          |       | 10.8                    |                                   |                       |      | 10.8                    | 10.8 | 6.6                   |                 |                      | 16.0                            | 849          |
| 15-17          | .1    | 12.5                    |                                   |                       |      | 12.5                    | 7.9  | 7.3                   |                 |                      | 13.7                            | 847          |
| 18-20          | .1    | 11.0                    |                                   |                       |      | 11.0                    | 9.7  | 8.7                   |                 |                      | 15.4                            | 846          |
| 21-23          |       | 11.0                    |                                   |                       |      | 11.0                    | 11.1 | 5.7                   |                 |                      | 14.2                            | 846          |
| TOTALS         | .1    | 11.1                    |                                   |                       |      | 11.1                    | 14.1 | 4.6                   |                 |                      | 16.9                            | 6784         |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          | .1    | 11.0                    |                                   |                       |      | 11.0                    | 4.7  | 1.2                   |                 |                      | 5.9                             | 930          |
| 03-05          |       | 13.3                    |                                   |                       |      | 13.3                    | 8.1  | 1.2                   |                 |                      | 9.2                             | 930          |
| 06-08          |       | 11.5                    |                                   |                       |      | 11.5                    | 13.1 | 1.8                   |                 |                      | 14.1                            | 930          |
| 09-11          |       | 10.3                    |                                   |                       |      | 10.3                    | 9.4  | 1.4                   |                 |                      | 9.9                             | 930          |
| 12-14          | .4    | 11.3                    |                                   |                       |      | 11.3                    | 3.1  | 1.3                   |                 |                      | 4.1                             | 930          |
| 15-17          | .3    | 11.1                    |                                   |                       |      | 11.1                    | 2.4  | .5                    |                 |                      | 2.9                             | 930          |
| 18-20          |       | 10.8                    |                                   |                       |      | 10.8                    | 3.5  | 1.0                   |                 |                      | 4.5                             | 930          |
| 21-23          |       | 8.4                     |                                   |                       |      | 8.4                     | 1.6  | 1.4                   |                 |                      | 3.0                             | 930          |
| TOTALS         | .1    | 11.0                    |                                   |                       |      | 11.0                    | 5.7  | 1.2                   |                 |                      | 6.7                             | 7440         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | 4.4                     |                                   |                       |      | 4.4                     | 1.4 |                       |                 |                      | 1.4                             | 900          |
| 03-05          |       | 6.0                     |                                   |                       |      | 6.0                     | 2.1 |                       |                 |                      | 2.1                             | 900          |
| 06-08          |       | 4.9                     |                                   |                       |      | 4.9                     | 2.2 | .3                    |                 |                      | 2.2                             | 900          |
| 09-11          | .1    | 4.6                     |                                   |                       |      | 4.6                     | 1.3 | .2                    |                 |                      | 1.4                             | 900          |
| 12-14          | .2    | 5.3                     |                                   |                       |      | 5.3                     | 1.0 |                       |                 |                      | 1.0                             | 900          |
| 15-17          | .1    | 4.2                     |                                   |                       |      | 4.2                     | .6  | .3                    |                 |                      | .8                              | 900          |
| 18-20          | .1    | 3.6                     |                                   |                       |      | 3.6                     | .8  | .4                    |                 |                      | 1.2                             | 900          |
| 21-23          |       | 3.2                     |                                   |                       |      | 3.2                     | 1.1 |                       |                 |                      | 1.1                             | 900          |
| TOTALS         | .1    | 4.6                     |                                   |                       |      | 4.6                     | 1.3 | .2                    |                 |                      | 1.4                             | 7200         |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | 1.2                     |                                   |                       |      | 1.2                     |     | .1                    |                 |                      | .1                              | 930          |
| 03-05          |       | 1.2                     |                                   |                       |      | 1.2                     |     | .5                    |                 |                      | .5                              | 930          |
| 06-08          |       | .6                      |                                   |                       |      | .6                      | .1  | .5                    |                 |                      | .5                              | 930          |
| 09-11          |       | .8                      |                                   |                       |      | .8                      | .1  | .1                    |                 |                      | .2                              | 930          |
| 12-14          | .1    | 1.5                     |                                   |                       |      | 1.5                     |     |                       |                 |                      |                                 | 930          |
| 15-17          |       | .9                      |                                   |                       |      | .9                      |     |                       |                 |                      |                                 | 930          |
| 18-20          |       | .5                      |                                   |                       |      | .5                      |     |                       |                 |                      |                                 | 930          |
| 21-23          |       | .3                      |                                   |                       |      | .3                      |     |                       |                 |                      |                                 | 930          |
| TOTALS         | .0    | .4                      |                                   |                       |      | .9                      | .0  | .2                    |                 |                      | .2                              | 7440         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | .9                      |                                   |                       |      | .9                      |     | .1                    |                 |                      | .1                              | 900          |
| 03-05          |       | .6                      |                                   |                       |      | .6                      | .1  | .3                    |                 |                      | .4                              | 900          |
| 06-08          |       | .3                      |                                   |                       |      | .3                      | .2  | .2                    |                 |                      | .3                              | 900          |
| 09-11          |       | .3                      |                                   |                       |      | .3                      |     |                       |                 |                      |                                 | 900          |
| 12-14          |       | .1                      |                                   |                       |      | .1                      |     |                       |                 |                      |                                 | 900          |
| 15-17          |       | .1                      |                                   |                       |      | .1                      |     |                       |                 |                      |                                 | 900          |
| 18-20          | .1    | .6                      |                                   |                       |      | .6                      |     |                       |                 |                      |                                 | 900          |
| 21-23          |       | .6                      |                                   |                       |      | .6                      |     |                       |                 |                      |                                 | 900          |
| TOTALS         | .0    | .4                      |                                   |                       |      | .4                      | .0  | .1                    |                 |                      | .1                              | 7200         |

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/ CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|----------------------------------|--------------|
| 00-02          | .2    | .2                      |                                   |                       |      | .2                      |     |                       |                 |                      |                                  | 930          |
| 03-05          |       | .2                      |                                   |                       |      | .2                      |     |                       |                 |                      |                                  | 930          |
| 06-08          |       | .6                      |                                   |                       |      | .6                      |     | .1                    |                 |                      | .1                               | 930          |
| 09-11          |       | .2                      |                                   |                       |      | .2                      |     | .2                    |                 |                      | .2                               | 930          |
| 12-14          |       | .4                      |                                   |                       |      | .4                      |     |                       |                 |                      |                                  | 930          |
| 15-17          |       | .3                      |                                   |                       |      | .3                      |     | .4                    |                 | .3                   | .4                               | 930          |
| 18-20          |       | .2                      |                                   |                       |      | .2                      |     | .1                    |                 | .1                   | .1                               | 930          |
| 21-23          |       | .1                      |                                   |                       |      | .1                      |     | .1                    |                 |                      | .1                               | 930          |
| TOTALS         | .0    | .3                      |                                   |                       |      | .3                      |     | .1                    |                 | .1                   | .1                               | 7440         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/ CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|----------------------------------|--------------|
| 00-02          |       | .1                      |                                   |                       |      | .1                      |     |                       |                 |                      |                                  | 930          |
| 03-05          | .1    | .2                      |                                   |                       |      | .2                      |     |                       |                 |                      |                                  | 930          |
| 06-08          |       |                         |                                   |                       |      |                         |     |                       |                 |                      |                                  | 930          |
| 09-11          |       | .1                      |                                   |                       |      | .1                      |     |                       |                 |                      |                                  | 930          |
| 12-14          | .1    | .5                      |                                   |                       |      | .5                      |     |                       |                 |                      |                                  | 930          |
| 15-17          |       | .3                      |                                   |                       |      | .3                      |     | .1                    |                 |                      | .1                               | 930          |
| 18-20          |       |                         |                                   |                       |      |                         |     | .2                    |                 |                      | .2                               | 930          |
| 21-23          |       | .1                      |                                   |                       |      | .1                      |     |                       |                 |                      |                                  | 930          |
| TOTALS         | .0    | .6                      |                                   |                       |      | .2                      |     | .0                    |                 |                      | .0                               | 7440         |

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/ CBST<br>10<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|-----|-----------------------|-----------------|----------------------|----------------------------------|--------------|
| 00-02          |       | 1.3                     |                                   |                       |      | 1.3                     | .4  | 1.1                   |                 |                      | 1.6                              | 900          |
| 03-05          | .3    | 1.4                     |                                   |                       |      | 1.4                     | .9  | 1.2                   |                 |                      | 1.8                              | 900          |
| 06-08          |       | 1.9                     |                                   |                       |      | 1.9                     | 2.0 | 2.9                   |                 |                      | 4.3                              | 900          |
| 09-11          | .1    | .6                      |                                   |                       |      | .6                      | .7  | 3.1                   |                 |                      | 3.8                              | 900          |
| 12-14          |       | 1.0                     |                                   |                       |      | 1.0                     |     | 3.9                   |                 |                      | 3.9                              | 900          |
| 15-17          |       | 1.1                     |                                   |                       |      | 1.1                     |     | 2.6                   |                 |                      | 2.6                              | 900          |
| 18-20          | .2    | 1.6                     |                                   |                       |      | 1.6                     |     | 1.7                   |                 |                      | 1.7                              | 900          |
| 21-23          |       | 1.4                     |                                   |                       |      | 1.4                     | .3  | 1.6                   |                 |                      | 1.9                              | 900          |
| TOTALS         | .1    | 1.3                     |                                   |                       |      | 1.3                     | .5  | 2.3                   |                 |                      | 2.7                              | 7200         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/ CBST<br>10<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|----------------------------------|--------------|
| 00-02          |       | 2.8                     |                                   |                       |      | 2.8                     | 3.9  | 1.7                   |                 |                      | 4.9                              | 930          |
| 03-05          |       | 2.6                     |                                   |                       |      | 2.6                     | 8.6  | 2.3                   |                 |                      | 9.1                              | 930          |
| 06-08          |       | 2.5                     |                                   |                       |      | 2.5                     | 10.2 | 4.4                   |                 |                      | 11.4                             | 930          |
| 09-11          | .1    | 2.5                     |                                   |                       |      | 2.5                     | 4.1  | 5.8                   |                 |                      | 8.5                              | 930          |
| 12-14          | .1    | 2.0                     |                                   |                       |      | 2.0                     | .5   | 5.7                   |                 |                      | 6.2                              | 930          |
| 15-17          | .2    | 3.3                     |                                   |                       |      | 3.3                     | 1.5  | 3.8                   |                 |                      | 5.1                              | 930          |
| 18-20          |       | 3.1                     |                                   |                       |      | 3.1                     | 2.2  | 2.6                   |                 |                      | 4.3                              | 930          |
| 21-23          | .3    | 3.3                     |                                   |                       |      | 3.3                     | 2.9  | 2.5                   |                 |                      | 4.6                              | 930          |
| TOTALS         | .1    | 2.8                     |                                   |                       |      | 2.8                     | 4.2  | 3.6                   |                 |                      | 6.8                              | 7440         |

GLOBAL CLIMATOLOGY BRANCH  
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AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBSI<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | 9.3                     |                                   |                       |      | 9.3                     | 19.3 | 4.6                   |                 |                      | 21.8                            | 900          |
| 03-05          |       | 9.1                     |                                   |                       |      | 9.1                     | 24.0 | 4.2                   |                 |                      | 26.6                            | 900          |
| 06-08          |       | 9.6                     |                                   |                       |      | 9.6                     | 27.4 | 4.0                   |                 |                      | 29.2                            | 900          |
| 09-11          |       | 10.8                    |                                   |                       |      | 10.8                    | 21.7 | 5.4                   |                 |                      | 25.4                            | 900          |
| 12-14          | .1    | 11.9                    |                                   |                       |      | 11.9                    | 14.1 | 7.4                   |                 | .1                   | 21.1                            | 900          |
| 15-17          |       | 10.7                    |                                   |                       |      | 10.7                    | 12.2 | 6.7                   |                 | .3                   | 18.1                            | 900          |
| 18-20          |       | 10.0                    |                                   |                       |      | 10.0                    | 14.1 | 6.2                   |                 |                      | 19.0                            | 900          |
| 21-23          |       | 8.3                     |                                   |                       |      | 8.3                     | 14.9 | 6.3                   |                 |                      | 19.3                            | 900          |
| TOTALS         | .0    | 10.0                    |                                   |                       |      | 10.0                    | 18.5 | 5.6                   |                 | .1                   | 22.6                            | 7200         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBSI<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02          |       | 8.6                     |                                   |                       |      | 8.6                     | 44.5 | 3.0                   |                 |                      | 45.4                            | 930          |
| 03-05          |       | 10.6                    |                                   |                       |      | 10.6                    | 48.5 | 2.8                   |                 |                      | 49.5                            | 930          |
| 06-08          |       | 14.0                    |                                   |                       |      | 14.0                    | 52.4 | 3.5                   |                 |                      | 53.1                            | 930          |
| 09-11          |       | 14.8                    |                                   |                       |      | 14.8                    | 50.0 | 5.8                   |                 |                      | 53.4                            | 930          |
| 12-14          |       | 10.9                    |                                   |                       |      | 10.9                    | 36.6 | 9.4                   |                 |                      | 44.4                            | 930          |
| 15-17          | .3    | 10.0                    |                                   | .1                    |      | 10.0                    | 31.0 | 10.8                  |                 |                      | 38.8                            | 930          |
| 18-20          |       | 10.4                    |                                   |                       |      | 10.4                    | 37.3 | 7.0                   |                 |                      | 41.6                            | 930          |
| 21-23          |       | 8.3                     |                                   |                       |      | 8.3                     | 43.3 | 3.5                   |                 |                      | 44.7                            | 930          |
| TOTALS         | .0    | 11.0                    |                                   | .0                    |      | 11.0                    | 43.0 | 5.7                   |                 |                      | 46.4                            | 7440         |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL

| HOURS<br>(LST) | TSTMS | RAIN<br>E/OR<br>DRIZZLE | FRZING<br>RAIN<br>G/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| JAN ALL        | .0    | 11.4                    |                                   | .0                    |      | 11.4                    | 45.5 | 4.5                   |                 |                      | 47.9                            | 7440         |
| FEB            | .1    | 11.1                    |                                   |                       |      | 11.1                    | 14.1 | 4.6                   |                 |                      | 16.9                            | 6764         |
| MAR            | .1    | 11.0                    |                                   |                       |      | 11.0                    | 5.7  | 1.2                   |                 |                      | 6.7                             | 7440         |
| APR            | .1    | 4.6                     |                                   |                       |      | 4.6                     | 1.3  | .2                    |                 |                      | 1.4                             | 7200         |
| MAY            | .0    | .9                      |                                   |                       |      | .9                      | .0   | .2                    |                 |                      | .2                              | 7440         |
| JUN            | .0    | .4                      |                                   |                       |      | .4                      | .0   | .1                    |                 |                      | .1                              | 7200         |
| JUL            | .0    | .3                      |                                   |                       |      | .3                      |      | .1                    |                 | .1                   | .1                              | 7440         |
| AUG            | .0    | .2                      |                                   |                       |      | .2                      |      | .0                    |                 |                      | .0                              | 7440         |
| SEP            | .1    | 1.3                     |                                   |                       |      | 1.3                     | .5   | 2.3                   |                 |                      | 2.7                             | 7200         |
| OCT            | .1    | 2.8                     |                                   |                       |      | 2.8                     | 4.2  | 3.6                   |                 |                      | 6.6                             | 7440         |
| NOV            | .0    | 10.0                    |                                   |                       |      | 10.0                    | 18.5 | 5.6                   |                 | .1                   | 22.6                            | 7200         |
| DEC            | .0    | 11.0                    |                                   | .0                    |      | 11.0                    | 43.0 | 5.7                   |                 |                      | 46.4                            | 7440         |
| TOTALS         | .0    | 5.4                     |                                   | .0                    |      | 5.4                     | 11.1 | 2.3                   |                 | .0                   | 12.7                            | 67664        |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAG

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 49-88  
MONTH: ALL

| MONTH  | TSTMS | RAIN<br>E/OR<br>GRIZZLE | FRZING<br>RAIN<br>E/OR<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OBS<br>WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS<br>W/CBST<br>TO<br>VISION | TOTAL<br>OBS |
|--------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| JAN    | 1.0   | 45.6                    | .2                                | .6                    | .6   | 45.8                    | 67.9 | 36.4                  |                 |                      | 72.2                            | 1240         |
| FEB    | 1.6   | 38.3                    |                                   | .4                    | .5   | 38.3                    | 48.6 | 31.5                  |                 |                      | 54.2                            | 1130         |
| MAR    | 1.8   | 36.7                    |                                   |                       | .7   | 36.7                    | 23.5 | 12.8                  |                 |                      | 27.7                            | 1206         |
| APR    | 1.7   | 23.7                    |                                   |                       | 1.0  | 23.7                    | 11.2 | 6.8                   |                 |                      | 13.9                            | 1170         |
| MAY    | 1.4   | 12.2                    |                                   |                       | .2   | 12.2                    | 4.1  | 6.9                   |                 |                      | 9.2                             | 1200         |
| JUN    | .4    | 6.2                     |                                   |                       |      | 6.2                     | 1.6  | 2.6                   |                 |                      | 3.5                             | 1170         |
| JUL    | .2    | 2.6                     |                                   |                       |      | 2.6                     | 1.2  | 4.0                   |                 |                      | 4.5                             | 1209         |
| AUG    | .6    | 4.3                     |                                   |                       |      | 4.3                     | 1.7  | 5.6                   |                 |                      | 6.2                             | 1209         |
| SEP    | 1.4   | 8.3                     |                                   |                       |      | 8.3                     | 6.9  | 17.2                  |                 |                      | 20.3                            | 1170         |
| OCT    | 1.7   | 16.0                    |                                   |                       | .1   | 16.0                    | 22.4 | 25.8                  |                 |                      | 24.6                            | 1209         |
| NOV    | 1.0   | 32.8                    |                                   |                       | .2   | 32.8                    | 50.8 | 37.6                  |                 | .1                   | 40.3                            | 1170         |
| DEC    | .7    | 44.2                    | .2                                | .5                    | .3   | 44.3                    | 67.5 | 37.8                  |                 | .2                   | 74.9                            | 1209         |
| TOTALS | 1.1   | 22.6                    | .0                                | .1                    | .3   | 22.6                    | 25.6 | 18.7                  |                 | .0                   | 21.8                            | 143.2        |

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#### PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

##### PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA ARE SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

##### EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

##### TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-89

AMOUNTS IN INCHES

| MONTH | NONE | TRACE | .01 | .02 | .05 | .10 | .25 | .51 | 1.01 | 2.51 | 5.01 | 10.01 | OVER | % DAYS<br>WITH<br>MEAS<br>AMTS | TOTAL<br>OBS | MONTHLY AMOUNTS |          |       |
|-------|------|-------|-----|-----|-----|-----|-----|-----|------|------|------|-------|------|--------------------------------|--------------|-----------------|----------|-------|
|       |      |       |     |     |     |     |     |     |      |      |      |       |      |                                |              | MEAN            | GREATEST | LEAST |
| JAN   | 56.1 | 13.8  | 2.2 | 4.9 | 2.9 | 5.7 | 5.7 | 5.7 | 2.9  | .1   |      |       |      | 30.1                           | 1395         | 3.79            | 9.17     | .21   |
| FEB   | 61.7 | 9.4   | 2.4 | 5.2 | 3.5 | 5.5 | 5.5 | 5.2 | 2.0  | .2   |      |       |      | 28.9                           | 1272         | 2.90            | 10.21    | .03   |
| MAR   | 63.3 | 9.9   | 2.2 | 5.4 | 3.1 | 4.9 | 5.9 | 4.5 | .9   |      |      |       |      | 26.8                           | 1364         | 2.41            | 9.18     | .04   |
| APR   | 76.2 | 6.7   | 1.5 | 3.4 | 3.0 | 4.2 | 2.8 | 1.7 | .3   | .1   |      |       |      | 17.0                           | 1320         | 1.14            | 4.35     | TRACE |
| MAY   | 87.2 | 5.7   | .8  | 2.4 | 1.1 | 1.8 | .8  | .1  | .1   |      |      |       |      | 7.1                            | 1364         | .28             | 1.74     | .00   |
| JUN   | 93.3 | 3.9   | .5  | 1.2 | .5  | .2  | .3  | .2  |      |      |      |       |      | 2.8                            | 1320         | .10             | 1.22     | .00   |
| JUL   | 97.5 | 1.8   | .1  | .3  | .1  | .1  | .1  |     |      |      |      |       |      | .7                             | 1364         | .02             | .52      | .00   |
| AUG   | 96.0 | 2.6   | .3  | .3  | .5  | .4  |     |     |      |      |      |       |      | 1.4                            | 1385         | .04             | .64      | .00   |
| SEP   | 92.1 | 3.3   | .9  | 1.4 | .4  | 1.1 | .6  | .1  |      | .1   |      |       |      | 4.5                            | 1350         | .24             | 2.77     | .00   |
| OCT   | 82.9 | 6.3   | 1.4 | 1.0 | 1.4 | 2.4 | 1.4 | 1.7 | .6   | .1   |      |       |      | 10.8                           | 1395         | 1.00            | 4.74     | .00   |
| NOV   | 67.1 | 9.2   | 1.6 | 4.3 | 2.5 | 5.0 | 4.0 | 4.3 | 1.8  | .1   |      |       |      | 23.7                           | 1350         | 2.58            | 7.44     | TRACE |
| DEC   | 56.3 | 14.1  | 2.7 | 5.5 | 2.7 | 6.0 | 5.8 | 4.7 | 2.2  |      |      |       |      | 29.7                           | 1395         | 3.13            | 11.67    | .12   |
| ANN   | 77.5 | 7.2   | 1.4 | 3.0 | 1.8 | 3.1 | 2.7 | 2.3 | .9   | .1   |      |       |      | 15.3                           | 16274        | 17.63           |          |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-P8

| YEAR | 24 HOUR AMOUNTS IN INCHES |      |      |       |       |       |       |        |       |       |       |      | ALL MONTHS |
|------|---------------------------|------|------|-------|-------|-------|-------|--------|-------|-------|-------|------|------------|
|      | JAN                       | FEB  | MAR  | APR   | MAY   | JUN   | JUL   | AUG    | SEP   | OCT   | NOV   | DEC  |            |
| 43   |                           |      |      |       |       |       |       | *TRACE | .00   | .10   | .24   | .62  |            |
| 44   | .60                       | 2.07 | .38  | .30   | .42   | .04   | .00   | .00    | .00   | .63   | 1.32  | .89  | 2.07       |
| 45   | 1.41                      | 2.55 | 1.03 | .21   | .19   | TRACE | TRACE | .00    | .00   | 1.07  | .70   | 1.21 | 2.58       |
| 46   | .52                       | .99  | .23  | TRACE | .10   | .00   | TRACE | .00    | .02   | .30   | .01   | .43  | .99        |
| 47   | .40                       | .98  | .55  | TRACE | .04   | .20   | .00   | .00    | TRACE | 1.33  | .50   | .40  | 1.33       |
| 48   | .35                       | .29  | 1.09 | .38   | 1.02  | .33   | TRACE | TRACE  | .16   | .59   | .18   | 1.25 | 1.25       |
| 49   | 1.22                      | .67  | .68  | TRACE | TRACE | .00   | .01   | TRACE  | TRACE | TRACE | .84   | .66  | 1.22       |
| 50   | 1.40                      | 1.31 | .72  | .42   | .01   | TRACE | TRACE | TRACE  | .01   | .78   | 1.98  | 1.76 | 1.98       |
| 51   | .57                       | .83  | .70  | .68   | .51   | TRACE | .00   | TRACE  | .05   | .67   | 1.07  | 1.66 | 1.66       |
| 52   | 1.93                      | .53  | 1.09 | .55   | .10   | .36   | TRACE | .00    | TRACE | .01   | 1.01  | 1.44 | 1.93       |
| 53   | .53                       | .26  | .57  | 1.41  | .13   | .22   | .00   | TRACE  | TRACE | .17   | 1.17  | .19  | 1.41       |
| 54   | 1.20                      | .84  | .64  | 1.14  | .25   | .01   | .00   | .10    | .00   | .03   | 1.19  | .91  | 1.20       |
| 55   | .47                       | 1.15 | .49  | .53   | .32   | .00   | .00   | TRACE  | .37   | .09   | .89   | 2.20 | 2.20       |
| 56   | .77                       | .53  | .15  | .56   | .34   | .02   | TRACE | .00    | .35   | .75   | .10   | .13  | .77        |
| 57   | .90                       | .84  | .26  | .66   | .58   | TRACE | TRACE | .00    | .41   | 1.16  | .08   | 1.55 | 1.55       |
| 58   | .67                       | 1.54 | .96  | 1.83  | .50   | .09   | .04   | TRACE  | .01   | .02   | .01   | .38  | 1.83       |
| 59   | 1.87                      | 1.45 | .37  | .12   | .14   | .00   | TRACE | TRACE  | 2.76  | TRACE | TRACE | 1.62 | 2.76       |
| 60   | .71                       | 1.18 | .75  | .63   | .23   | .00   | TRACE | .00    | TRACE | .11   | .81   | .60  | 1.18       |
| 61   | 1.08                      | .22  | .67  | .30   | .11   | TRACE | TRACE | .03    | .13   | .41   | .88   | 1.71 | 1.71       |
| 62   | .75                       | 2.60 | .78  | .12   | TRACE | TRACE | .00   | .01    | .01   | 3.03  | .40   | 1.11 | 2.60       |
| 63   | 2.03                      | 1.72 | 1.48 | 1.05  | .27   | .04   | .00   | TRACE  | .27   | .75   | .95   | .37  | 2.03       |
| 64   | 1.46                      | .03  | .57  | .17   | .17   | .81   | .03   | .03    | .00   | .78   | .68   | 1.51 | 1.46       |
| 65   | 1.07                      | .35  | .38  | .70   | .05   | TRACE | TRACE | .19    | .00   | .04   | .77   | .94  | 1.07       |
| 66   | 1.19                      | .53  | .11  | .13   | .12   | .11   | .09   | .06    | .12   | .00   | 1.37  | 1.01 | 1.37       |
| 67   | 2.51                      | .32  | .92  | .86   | .07   | .73   | TRACE | TRACE  | .03   | .35   | .41   | .62  | 2.51       |
| 68   | 1.78                      | .56  | .75  | .24   | .22   | TRACE | .00   | .09    | TRACE | .15   | .82   | .57  | 1.78       |
| 69   | 1.32                      | 1.32 | .24  | .61   | TRACE | .01   | .00   | .00    | TRACE | 1.30  | .27   | 1.68 | 1.68       |
| 70   | 1.92                      | .67  | .86  | .09   | TRACE | .32   | .00   | .00    | .50   | .37   | 3.03  | .68  | 3.03       |
| 71   | .53                       | .05  | .65  | .20   | .38   | TRACE | .00   | .01    | .05   | .04   | .38   | .61  | .65        |
| 72   | .51                       | .63  | .09  | .39   | .02   | .04   | TRACE | .00    | .36   | 1.34  | 1.29  | .51  | 1.34       |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745163 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-86

| YEAR      | 24 HOUR AMOUNTS IN INCHES |      |      |      |       |       |       |       |      |      |      |      | ALL MONTHS |
|-----------|---------------------------|------|------|------|-------|-------|-------|-------|------|------|------|------|------------|
|           | JAN                       | FEB  | MAR  | APR  | MAY   | JUN   | JUL   | AUG   | SEP  | OCT  | NOV  | DEC  |            |
| 73        | 1.80                      | 1.40 | .71  | .66  | .03   | .00   | .00   | .00   | .09  | .86  | 1.39 | .85  | 1.80       |
| 74        | .63                       | .34  | .55  | .60  | .03   | .02   | .47   | .00   | .00  | .85  | .24  | .87  | .87        |
| 75        | .74                       | .94  | .85  | .57  | TRACE | .01   | .12   | .03   | .01  | .96  | .14  | .12  | .96        |
| 76        | .30                       | .36  | .50  | .28  | .00   | .06   | TRACE | .21   | .19  | .05  | .55  | .94  | .94        |
| 77        | .91                       | .35  | .79  | .29  | .29   | TRACE | TRACE | .00   | .45  | .06  | 2.87 | 1.44 | 2.87       |
| 78        | 1.72                      | 1.03 | .85  | .43  | .03   | TRACE | .00   | .00   | .10  | .00  | .71  | .62  | 1.72       |
| 79        | 2.09                      | 1.47 | .65  | .49  | .10   | .00   | .01   | TRACE | .00  | 1.01 | 1.22 | 1.79 | 2.09       |
| 80        | 1.57                      | 1.46 | .92  | .52  | .15   | .04   | .22   | .00   | .00  | .11  | .06  | 1.60 | 1.60       |
| 81        | 1.96                      | .25  | 1.04 | .19  | .03   | .00   | TRACE | .00   | .18  | .52  | 1.92 | 1.33 | 1.96       |
| 82        | 4.76                      | 2.48 | 1.83 | 2.71 | .00   | .02   | TRACE | TRACE | .32  | 1.46 | 1.85 | 1.37 | 4.76       |
| 83        | 1.23                      | 1.58 | 1.78 | .89  | .26   | TRACE | .00   | .07   | .50  | .23  | 1.44 | 2.42 | 2.42       |
| 84        | .11                       | .54  | .38  | .29  | TRACE | .02   | TRACE | .15   | .14  | .85  | 1.07 | .47  | 1.07       |
| 85        | .51                       | .99  | 1.20 | .04  | .04   | .08   | .02   | .01   | .04  | .66  | 2.07 | .90  | 2.07       |
| 86        | 1.38                      | 2.22 | 1.83 | .53  | .15   | .00   | .00   | .00   | .89  | .02  | .04  | .25  | 2.22       |
| 87        | .80                       | 1.57 | 1.32 | .11  | TRACE | .00   | .00   | .00   | .00  | .25  | .83  | .79  | 1.57       |
| 88        | 1.27                      | .39  |      |      |       |       |       |       |      |      |      |      |            |
| MEAN      | 1.188                     | .983 | .758 | .511 | .168  | .081  | .023  | .023  | .188 | .539 | .908 | .587 | 1.784      |
| S.D.      | .798                      | .687 | .427 | .513 | .204  | .178  | .079  | .050  | .437 | .585 | .710 | .562 | .761       |
| TOTAL OBS | 1395                      | 1272 | 1364 | 1320 | 1364  | 1320  | 1364  | 1785  | 1350 | 1395 | 1350 | 1395 | 16274      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| TOTAL MONTHLY PRECIPITATION IN INCHES |      |      |      |       |       |       |       |        |       |       |       |       |            |
|---------------------------------------|------|------|------|-------|-------|-------|-------|--------|-------|-------|-------|-------|------------|
| -M-O-N-T-H-S-                         |      |      |      |       |       |       |       |        |       |       |       |       |            |
| YEAR                                  | JAN  | FEB  | MAR  | APR   | MAY   | JUN   | JUL   | AUG    | SEP   | OCT   | NOV   | DEC   | ALL MONTHS |
| 43                                    |      |      |      |       |       |       |       | *TRACE | .00   | .23   | .32   | 2.26  |            |
| 44                                    | 3.26 | 6.12 | .52  | .94   | .72   | .64   | .00   | .00    | .00   | 1.31  | 4.76  | 2.72  | 20.39      |
| 45                                    | 2.14 | 3.99 | 2.82 | .21   | .32   | TRACE | TRACE | .00    | .00   | 2.26  | 2.55  | 7.47  | 21.76      |
| 46                                    | .87  | 2.55 | .87  | TRACE | .14   | .00   | TRACE | .00    | .02   | .44   | 1.95  | 1.27  | 6.06       |
| 47                                    | .45  | 2.50 | 1.98 | TRACE | .04   | .22   | .00   | .00    | TRACE | 2.64  | .70   | .82   | 9.35       |
| 48                                    | .56  | .91  | 3.20 | 2.74  | 1.74  | .40   | TRACE | TRACE  | .17   | .59   | .63   | 3.84  | 14.78      |
| 49                                    | 1.58 | 1.92 | 3.36 | TRACE | TRACE | .00   | .01   | TRACE  | TRACE | TRACE | 1.19  | 1.84  | 9.90       |
| 50                                    | 4.84 | 2.24 | 1.29 | .68   | .01   | TRACE | TRACE | TRACE  | .02   | 2.38  | 4.95  | 5.00  | 21.41      |
| 51                                    | 1.64 | 1.94 | 1.24 | .77   | .55   | TRACE | .00   | TRACE  | .05   | 1.11  | 4.02  | 5.21  | 16.53      |
| 52                                    | 8.12 | 1.44 | 2.71 | .80   | .10   | .50   | TRACE | .00    | TRACE | .01   | 1.80  | 6.60  | 21.08      |
| 53                                    | 2.39 | .66  | 1.67 | 2.31  | .39   | .31   | .00   | TRACE  | TRACE | .23   | 1.99  | .36   | 9.73       |
| 54                                    | 2.88 | 2.51 | 2.90 | 1.45  | .25   | .61   | .00   | .10    | .00   | .03   | 2.61  | 3.36  | 16.10      |
| 55                                    | 2.43 | 1.45 | .61  | 1.93  | .36   | .00   | .00   | TRACE  | .42   | .09   | 1.77  | 11.87 | 20.93      |
| 56                                    | 6.45 | 1.10 | .26  | 1.00  | .39   | .03   | TRACE | .00    | .46   | 1.11  | .10   | .28   | 11.18      |
| 57                                    | 2.29 | 4.37 | 1.16 | 1.31  | 1.38  | TRACE | TRACE | .00    | .44   | 2.81  | .22   | 3.51  | 17.49      |
| 58                                    | 4.37 | 6.65 | 5.23 | 3.74  | .55   | .69   | .04   | TRACE  | .01   | .02   | .01   | .71   | 21.42      |
| 59                                    | 5.00 | 4.68 | .77  | .12   | .14   | .00   | TRACE | TRACE  | 2.77  | TRACE | TRACE | 1.80  | 15.28      |
| 60                                    | 3.37 | 3.84 | 2.03 | .84   | .53   | .00   | TRACE | .00    | TRACE | .11   | 3.38  | 1.17  | 15.27      |
| 61                                    | 4.20 | .72  | 1.78 | .63   | .24   | TRACE | TRACE | .04    | .13   | .41   | 1.96  | 2.41  | 12.52      |
| 62                                    | .89  | 8.31 | 2.41 | .14   | TRACE | TRACE | .00   | .01    | .01   | 4.74  | .48   | 2.52  | 19.51      |
| 63                                    | 4.56 | 2.83 | 4.60 | 4.09  | .72   | .64   | .00   | TRACE  | .23   | 1.32  | 3.65  | .44   | 22.48      |
| 64                                    | 2.96 | .63  | 1.64 | .17   | .20   | .88   | .03   | .03    | .00   | 1.45  | 2.39  | 4.30  | 14.08      |
| 65                                    | 3.51 | .70  | .63  | 2.01  | .05   | TRACE | TRACE | .19    | .00   | .04   | 3.36  | 2.59  | 13.08      |
| 66                                    | 2.92 | 1.91 | .13  | .32   | .20   | .11   | .09   | .06    | .14   | .00   | 5.61  | 3.79  | 15.28      |
| 67                                    | 8.15 | .44  | 3.78 | 3.68  | .12   | 1.22  | TRACE | TRACE  | .03   | .37   | 1.03  | 1.43  | 20.25      |
| 68                                    | 3.63 | 2.14 | 1.56 | .24   | .35   | TRACE | .00   | .18    | TRACE | .32   | 3.16  | 3.89  | 15.47      |
| 69                                    | 7.80 | 6.46 | .75  | 1.15  | TRACE | .01   | .00   | .00    | TRACE | 1.44  | .31   | 5.69  | 23.61      |
| 70                                    | 8.61 | 1.59 | 1.15 | .14   | TRACE | .35   | .00   | .00    | .50   | .57   | 7.44  | 4.67  | 25.02      |
| 71                                    | 1.27 | .18  | 2.13 | .46   | .68   | TRACE | .00   | .01    | .08   | .05   | .82   | 3.27  | 8.95       |
| 72                                    | .86  | 1.14 | .09  | .91   | .02   | .05   | TRACE | .00    | .60   | 3.68  | 5.58  | 1.65  | 14.58      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-P8

| TOTAL MONTHLY PRECIPITATION IN INCHES |               |       |       |       |       |       |       |       |      |       |       |       |            |
|---------------------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------------|
| YEAR                                  | -M-O-N-T-H-S- |       |       |       |       |       |       |       |      |       |       |       | ALL MONTHS |
|                                       | JAN           | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP  | OCT   | NOV   | DEC   |            |
| 73                                    | 9.17          | 4.68  | 2.52  | .06   | .03   | .00   | .00   | .00   | .18  | 1.37  | 6.74  | 2.67  | 27.44      |
| 74                                    | 3.42          | .97   | 3.37  | 1.59  | .03   | .02   | .52   | .00   | .00  | 1.10  | .48   | 2.33  | 13.83      |
| 75                                    | 1.23          | 3.88  | 4.06  | 1.18  | TRACE | .01   | .12   | .05   | .01  | 2.00  | .26   | .12   | 11.92      |
| 76                                    | .30           | .73   | .54   | .53   | .00   | .06   | TRACE | .64   | .37  | .05   | .84   | 1.17  | 5.16       |
| 77                                    | 1.14          | .99   | 1.46  | .31   | .79   | TRACE | TRACE | .00   | .75  | .06   | 3.45  | 5.05  | 14.00      |
| 78                                    | 8.97          | 3.46  | 4.48  | 1.84  | .05   | TRACE | .00   | .00   | .11  | .00   | 2.04  | .73   | 21.68      |
| 79                                    | 7.36          | 4.39  | 1.53  | .89   | .15   | .00   | .01   | TRACE | .00  | 2.79  | 2.19  | 5.57  | 24.83      |
| 80                                    | 5.91          | 6.96  | 2.74  | 1.25  | .24   | .04   | .22   | .00   | .00  | .16   | .07   | 2.56  | 21.15      |
| 81                                    | 5.03          | 1.24  | 3.44  | .32   | .05   | .00   | TRACE | .00   | .18  | 1.47  | 5.39  | 4.39  | 21.50      |
| 82                                    | 7.06          | 4.00  | 6.19  | 4.39  | .00   | .02   | TRACE | TRACE | .79  | 2.92  | 6.93  | 2.97  | 35.27      |
| 83                                    | 4.94          | 7.09  | 9.18  | 3.33  | .26   | TRACE | .00   | .07   | .54  | .38   | 6.26  | 6.94  | 39.01      |
| 84                                    | .21           | 1.42  | 1.02  | .74   | TRACE | .02   | TRACE | .15   | .15  | 1.59  | 5.71  | 1.35  | 12.36      |
| 85                                    | .63           | 1.63  | 3.65  | .06   | .04   | .15   | .02   | .01   | .07  | .73   | 4.46  | 3.30  | 14.75      |
| 86                                    | 4.79          | 10.21 | 5.02  | .89   | .39   | .00   | .00   | .00   | 1.45 | .04   | .04   | 1.14  | 23.57      |
| 87                                    | 2.97          | 3.62  | 3.40  | .12   | TRACE | .00   | .00   | .00   | .00  | .74   | 2.37  | 4.09  | 17.51      |
| 88                                    | 5.21          | .41   |       |       |       |       |       |       |      |       |       |       |            |
| MEAN                                  | 3.785         | 2.902 | 2.406 | 1.143 | .278  | .104  | .024  | .035  | .236 | 1.004 | 2.578 | 3.134 | 17.747     |
| S.D.                                  | 2.617         | 2.416 | 1.828 | 1.185 | .367  | .242  | .086  | .104  | .483 | 1.140 | 2.194 | 2.300 | 6.724      |
| TOTAL OBS                             | 1395          | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350 | 1395  | 1350  | 1395  | 16274      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 46-88

| AMOUNTS IN INCHES |       |       |     |     |     |     |     |     |      |      |      |      |      |        |       |                 |       |      |
|-------------------|-------|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|--------|-------|-----------------|-------|------|
| MONTH             | NONE  | TRACE | 0.1 | 0.5 | 1.0 | 2.5 | 3.5 | 4.5 | 6.5  | 10.5 | 15.5 | 25.5 | OVER | % DAYS | TOTAL | MONTHLY AMOUNTS |       |      |
|                   |       |       | TO  | TO  | TO  | TO  | TO  | TO  | TO   | TO   | TO   | TO   | TO   | WITH   |       | MEAS            | OBS   | MEAN |
|                   |       |       | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 6.4 | 10.4 | 15.4 | 25.4 | 50.4 | 50.4 |        |       |                 |       |      |
| JAN               | 99.4  | .5    |     |     | .2  |     |     |     |      |      |      |      |      | .2     | 1373  | .1              | 1.7   | .0   |
| FEB               | 99.6  | .4    |     |     |     |     |     |     |      |      |      |      |      |        | 1215  | TRACE           | TRACE | .0   |
| MAR               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1352  | .0              | .0    | .0   |
| APR               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1260  | .0              | .0    | .0   |
| MAY               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1302  | .0              | .0    | .0   |
| JUN               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1260  | .0              | .0    | .0   |
| JUL               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1302  | .0              | .0    | .0   |
| AUG               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1302  | .0              | .0    | .0   |
| SEP               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1260  | .0              | .0    | .0   |
| OCT               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1302  | .0              | .0    | .0   |
| NOV               | 100.0 |       |     |     |     |     |     |     |      |      |      |      |      |        | 1260  | .0              | .0    | .0   |
| DEC               | 99.5  | .5    |     |     |     |     |     |     |      |      |      |      |      |        | 1352  | TRACE           | TRACE | .0   |
| ANN               | 99.9  | .1    |     |     | .2  |     |     |     |      |      |      |      |      | .2     | 15400 | .1              |       |      |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 46-P8

| YEAR | 24 HOUR AMOUNTS IN INCHES |       |     |     |     |               |     |     |     |     |     |       | ALL MONTHS |
|------|---------------------------|-------|-----|-----|-----|---------------|-----|-----|-----|-----|-----|-------|------------|
|      | JAN                       | FEB   | MAR | APR | MAY | -M-O-N-T-H-S- |     | AUG | SEP | OCT | NOV | DEC   |            |
|      |                           |       |     |     |     | JUN           | JUL |     |     |     |     |       |            |
| 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   | .0                        | TRACE | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 50   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |
| 51   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 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   | TRACE                     | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | TRACE      |
| 58   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |
| 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   | TRACE                     | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | TRACE      |
| 63   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |
| 64   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |
| 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  | .0    | .0         |
| 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  | TRACE | TRACE      |
| 71   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |
| 72   | .0                        | TRACE | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 73   | 1.7                       | TRACE | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | 1.7        |
| 74   | 1.5                       | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | 1.5        |
| 75   | .0                        | .0    | .0  | .0  | .0  | .0            | .0  | .0  | .0  | .0  | .0  | .0    | .0         |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
HSAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 46-88

| YEAR      | 24 HOUR AMOUNTS IN INCHES |       |      |      |      |      |      |      |      |      |      |       | ALL MONTHS |
|-----------|---------------------------|-------|------|------|------|------|------|------|------|------|------|-------|------------|
|           | JAN                       | FEB   | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   |            |
| 76        | .0                        | TRACE | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE      |
| 77        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 78        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 79        | TRACE                     | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | TRACE      |
| 80        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 81        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 82        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 83        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 84        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 85        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 86        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 87        | .0                        | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE      |
| 88        | .0                        | .0    |      |      |      |      |      |      |      |      |      |       |            |
| MEAN      | .07                       | TRACE | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | TRACE | .00        |
| S.D.      | .342                      | .000  | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000  | .346       |
| TOTAL OBS | 1333                      | 1215  | 1302 | 1260 | 1302 | 1260 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302  | 1340       |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 46-88

| YEAR | TOTAL MONTHLY SNOWFALL IN INCHES |       |     |     |     |               |    |     |     |     |     |       | ALL MONTHS |
|------|----------------------------------|-------|-----|-----|-----|---------------|----|-----|-----|-----|-----|-------|------------|
|      | JAN                              | FEB   | MAR | APR | MAY | -M-O-N-T-H-S- |    | AUG | SEP | OCT | NOV | DEC   |            |
|      | JUN                              | JUL   |     |     |     |               |    |     |     |     |     |       |            |
| 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   | .0                               | TRACE | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 50   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |
| 51   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 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   | TRACE                            | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | TRACE      |
| 58   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |
| 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   | TRACE                            | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | TRACE      |
| 63   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |
| 64   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |
| 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  | .0    | .0         |
| 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  | TRACE | TRACE      |
| 71   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |
| 72   | .0                               | TRACE | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | TRACE | TRACE      |
| 73   | 1.7                              | TRACE | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | 1.7        |
| 74   | 1.5                              | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | 1.5        |
| 75   | .0                               | .0    | .0  | .0  | .0  | .0            | .0 | .0  | .0  | .0  | .0  | .0    | .0         |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 46-86

| YEAR      | TOTAL MONTHLY SNOWFALL IN INCHES |       |      |      |      |               |      |      |      |      |      |       | ALL MONTHS |
|-----------|----------------------------------|-------|------|------|------|---------------|------|------|------|------|------|-------|------------|
|           | JAN                              | FEB   | MAR  | APR  | MAY  | -M-O-N-T-H-S- |      | AUG  | SEP  | OCT  | NOV  | DEC   |            |
|           |                                  |       |      |      |      | JUN           | JUL  |      |      |      |      |       |            |
| 76        | .0                               | TRACE | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | TRACE      |
| 77        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 78        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 79        | TRACE                            | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | TRACE      |
| 80        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 81        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 82        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 83        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 84        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 85        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 86        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 87        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0    | .0         |
| 88        | .0                               | .0    | .0   | .0   | .0   | .0            | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE      |
| MEAN      | .07                              | TRACE | .00  | .00  | .00  | .00           | .00  | .00  | .00  | .00  | .00  | TRACE | .08        |
| S.D.      | .342                             | .000  | .000 | .000 | .000 | .000          | .000 | .000 | .000 | .000 | .000 | .000  | .346       |
| TOTAL OBS | 1333                             | 1215  | 1302 | 1260 | 1302 | 1260          | 1302 | 1302 | 1260 | 1302 | 1260 | 1302  | 15400      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| MONTH | AMOUNTS IN INCHES |       |   |   |   |              |               |                |                |                |                |                 |                 |             | % DAYS<br>WITH<br>MEAS<br>AMTS | TOTAL<br>OBS | MONTHLY AMOUNTS |          |       |
|-------|-------------------|-------|---|---|---|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-------------|--------------------------------|--------------|-----------------|----------|-------|
|       | NONE              | TRACE | 1 | 2 | 3 | 4<br>TO<br>6 | 7<br>TO<br>12 | 13<br>TO<br>24 | 15<br>TO<br>36 | 17<br>TO<br>48 | 19<br>TO<br>60 | 21<br>TO<br>120 | 23<br>TO<br>120 | OVER<br>120 |                                |              | MEAN            | GREATEST | LEAST |
| JAN   | 99.9              | .1    |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1395         |                 |          |       |
| FEB   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1272         |                 |          |       |
| MAR   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1364         |                 |          |       |
| APR   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1320         |                 |          |       |
| MAY   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1364         |                 |          |       |
| JUN   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1320         |                 |          |       |
| JUL   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1364         |                 |          |       |
| AUG   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1385         |                 |          |       |
| SEP   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1350         |                 |          |       |
| OCT   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1395         |                 |          |       |
| NOV   | 100.0             |       |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1350         |                 |          |       |
| DEC   | 99.9              | .1    |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 1395         |                 |          |       |
| ANN   | 100.0             | .0    |   |   |   |              |               |                |                |                |                |                 |                 |             |                                | 16274        |                 |          |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| YEAR | DAILY SNOW DEPTH IN INCHES |     |     |     |     |               |     |     |     |     |     |       | ALL MONTHS |
|------|----------------------------|-----|-----|-----|-----|---------------|-----|-----|-----|-----|-----|-------|------------|
|      | JAN                        | FEB | MAR | APR | MAY | -M-O-N-T-H-S- |     | AUG | SEP | OCT | NOV | DEC   |            |
|      |                            |     |     |     |     | JUN           | JUL |     |     |     |     |       |            |
| 43   |                            |     |     |     |     |               |     | *   |     |     |     |       |            |
| 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   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 50   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 51   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 52   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 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   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 58   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 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   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 63   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 64   | 0                          | 0   | 0   | 0   | 0   | 0             | 0   | 0   | 0   | 0   | 0   | 0     | 0          |
| 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   | 0     | 0          |
| 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   | 0   | TRACE | TRACE      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| DAILY SNOW DEPTH IN INCHES |               |      |      |      |      |      |      |      |      |      |      |       |            |
|----------------------------|---------------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| YEAR                       | -M-O-N-T-H-S- |      |      |      |      |      |      |      |      |      |      |       | ALL MONTHS |
|                            | JAN           | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC   |            |
| 73                         | TRACE         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | TRACE      |
| 74                         | TRACE         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | TRACE      |
| 75                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 76                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 77                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 78                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 79                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 80                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 81                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 82                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 83                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 84                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 85                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 86                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 87                         | 0             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0          |
| 88                         | 0             | 0    |      |      |      |      |      |      |      |      |      |       |            |
| MEAN                       | TRACE         | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | TRACE | TRACE      |
| S.D.                       | .000          | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000  | .000       |
| TOTAL OBS                  | 1395          | 1272 | 1364 | 1320 | 1364 | 1320 | 1364 | 1385 | 1350 | 1395 | 1350 | 1395  | 16274      |

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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## SURFACE WIND SUMMARIES

### EXTREME VALUES OF PEAK WINDS:

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

### BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS:

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 47-88

| DAILY PEAK GUSTS IN KNOTS |        |        |        |        |        |        |        |        |        |        |        |        |        |    | ALL MONTHS |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|------------|----|----|----|----|----|----|----|----|----|----|----|
| YEAR                      | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    |        |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 47                        |        |        |        |        |        |        |        |        | N 41   | N 43   | N 50   | N 46   |        |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 48                        | N 56   | NNW 50 | NNW 47 | SE 53  | SW 41  | NNW 46 | SW 45  | SW 39  | SW 33  | SW 37  | N 54   | NNW 47 | N 56   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 49                        | NNW 58 | N 38   | NNW 47 | SW 38  | SW 43  | SW 43  | SW 41  | SW 37  | SW 43  | NNW 43 | SSE 36 | SE 31  | NNW 58 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 50                        | S 41   | SE 43  | SSW 40 | SW 40  | SSW 45 | SSW 47 | SW 44  | SSW 40 | SW 37  | SW 49  | NNW 49 | NW 36  | SW 49  |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 51                        | SW 40  | SSW 29 | NNW 40 | SSW 43 | WSW 43 | SW 43  | SW 45  | WSW 42 | WSW 37 | WSW 48 | NNW 37 | SW 49  | SW 49  |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 52                        | S 50   | WSW 62 | SE 56  | N 49   | NNW 43 | SW 43  | SW 40  | SW 39  | SW 40  | SW 33  | NNW 48 | SE 49  | WSW 62 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 53                        | WSW 31 | NNW 65 | SW 49  | SW 38  | WSW 35 | WSW 45 | WSW 37 | WSW 37 | SW 39  | NNW 51 | SSE 48 | N 43   | NNW 65 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 54                        | S 39   | N 44   | WSW 38 | SW 37  | SW 36  | SW 37  | SW 36  | SW 45  | WSW 35 | N 49   | N 36   | NNE 36 | N 49   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 55                        | NNW 49 | NNW 51 | NNW 49 | SE 49  | WSW 37 | SW 45  | SW 36  | SW 37  | NNW 45 | SW 32  | N 35   | SW 41  | NNW 51 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 56                        | S 39   | NNW 44 | NNW 46 | SW 33  | SW 37  | SW 36  | WSW 33 | WSW 30 | WSW 33 | N 45   | N 39   | N 34   | NNW 46 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 57                        | SSE 32 | SSE 26 | WSW 30 | NNE 32 | WSW 35 | WSW 37 | WSW 31 | WSW 31 | SW 31  | WSW 26 | N 42   | SSW 29 | N 42   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 58                        | N 36   | WSW 44 | SE 39  | N 37   | WSW 33 | WSW 33 | WSW 38 | SW 30  | WSW 28 | WSW 30 | N 37   | NNE 24 | WSW 44 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 59                        | SE 48  | SE 46  | N 39   | SW 32  | WSW 38 | SW 35  | SW 34  | SW 34  | N 37   | N 47   | WSW 28 | N 35   | SE 48  |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 60                        | SE 37  | N 41   | N 35   | N 39   | WSW 29 | N 33   | WSW 33 | WSW 34 | WSW 30 | N 47   | SW 32  | N 35   | N 47   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 61                        | SE 23  | NNW 30 | N 38   | WSW 36 | WSW 32 | WSW 35 | WSW 39 | WSW 29 | N 44   | N 42   | N 38   | N 42   | N 44   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 62                        | N 43   | SSE 40 | SE 58  | WSW 33 | WSW 31 | WSW 31 | SW 33  | SW 37  | SW 37  | N 40   | N 42   | N 42   | SE 58  |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 63                        | N 41   | SE 30  | N 40   | SSW 29 | WSW 32 | WSW 38 | WSW 35 | WSW 30 | SW 27  | SW 30  | S 35   | N 42   | N 41   |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 64                        | S 36   | NNW 50 | N 43   | N 43   | WSW 32 | WSW 36 | WSW 36 | SSW 38 | N 43   | WSW 34 | N 32   | SSE 40 | NNW 50 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 65                        | WSW 41 | NNW 39 | ESE 32 | S 31   | NW 37  | S 33   | SW 36  | SW 33  | NNW 46 | SW 32  | WSW 40 | ESE 34 | NNW 46 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 66                        | NNW 38 | NNW 38 | N 31   | SSW 39 | SSW 38 | SSW 33 | SSW 35 | SSW 32 | SSW 36 | NNW 37 | SE 33  | SE 43  | SE 43  |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 67                        | ESE 59 | N 35   | SE 31  | SSE 28 | SSW 30 | SW 36  | SSW 30 | SSW 32 | SSW 38 | N 34   | N 32   | N 48   | ESE 59 |    |            |    |    |    |    |    |    |    |    |    |    |    |
| 68                        | SE 30  | ESE 26 | SW 32  | N 35   | SW 35  | SW 39  | 27     | 36     | 22     | 31     | 25     | 28     | 35     | 40 | 20         | 39 | 35 | 40 |    |    |    |    |    |    |    |    |
| 69                        | 23     | 44     | 15     | 64     | 35     | 39     | 26     | 36     | 36     | 42     | 25     | 39     | 27     | 36 | 24         | 38 | 23 | 37 | 36 | 51 | 36 | 32 | 36 | 45 | 15 | 64 |
| 70                        | 22     | 57     | 1      | 45     | 2      | 42     | 22     | 40     | 24     | 41     | 23     | 42     | 25     | 42 | 25         | 34 | 34 | 47 | 36 | 42 | 20 | 42 | 25 | 38 | 22 | 57 |
| 71                        | 35     | 48     | 27     | 42     | 19     | 42     | 26     | 38     | 25     | 42     | 25     | 38     | 23     | 37 | 24         | 37 | 23 | 33 | 36 | 45 | 36 | 36 | 24 | 44 | 35 | 48 |
| 72                        | 36     | 60     | 36     | 32     | 22     | 42     | 36     | 51     | 24     | 41     | 25     | 43     | 23     | 46 | 24         | 38 | 23 | 34 | 26 | 43 | 14 | 50 | 1  | 46 | 36 | 60 |
| 73                        | 15     | 42     | 18     | 36     | 33     | 42     | 36     | 41     | 24     | 38     | 24     | 35     | 25     | 42 | 24         | 40 | 21 | 42 | 26 | 42 | 24 | 36 | 26 | 35 | 15 | 42 |
| 74                        | 36     | 45     | 36     | 52     | 21     | 35     | 36     | 37     | 23     | 39     | 1      | 38     | 24     | 35 | 25         | 38 | 25 | 35 | 23 | 32 | 20 | 30 | 1  | 49 | 36 | 45 |
| 75                        | 1      | 38     | 36     | 35     | 36     | 46     | 27     | 34     | 1      | 43     | 25     | 38     | 26     | 37 | 26         | 38 | 25 | 35 | 36 | 36 | 36 | 45 | 1  | 36 | 36 | 46 |
| 76                        | 1      | 38     | 27     | 38     | 16     | 33     | 35     | 41     | 2      | 46     | 1      | 42     | 24     | 35 | 24         | 29 | 24 | 28 | 1  | 37 | 36 | 50 | 36 | 42 | 36 | 50 |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE...

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 47-88

| DAILY PEAK GUSTS IN KNOTS |               |        |        |        |        |        |        |        |        |        |        |        |            |
|---------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
| YEAR                      | -M-O-N-T-H-S- |        |        |        |        |        |        |        |        |        |        |        | ALL MONTHS |
|                           | JAN           | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEPT   | OCT    | NOV    | DEC    |            |
| 77                        | 1/ 36         | 24/ 29 | 1/ 38  | 23/ 37 | 26/ 31 | 25/ 39 | 24/ 36 | 23/ 36 | 25/ 33 | 25/ 35 | 3/ 32  | 17/ 32 | 25/ 39     |
| 78                        | 14/ 53        | 14/ 54 | 14/ 38 | 24/ 28 | 36/ 40 | 24/ 36 | 24/ 33 | 26/ 37 | 35/ 28 | 36/ 40 | 1/ 37  | 1/ 42  | 14/ 54     |
| 79                        | 14/ 39        | 15/ 41 | 31/ 31 | 23/ 27 | 35/ 35 | 36/ 42 | 24/ 36 | 24/ 33 | 25/ 30 | 36/ 36 | 36/ 29 | 14/ 40 | 36/ 42     |
| 80                        | 35/ 31        | 14/ 44 | 35/ 40 | 25/ 34 | 24/ 38 | 21/ 32 | 24/ 33 | 23/ 36 | 24/ 32 | 24/ 35 | 1/ 36  | 15/ 36 | 14/ 44     |
| 81                        | 15/ 38        | 1/ 47  | 24/ 33 | 24/ 28 | 27/ 31 | 36/ 38 | 28/ 30 | 24/ 33 | 24/ 30 | 24/ 25 | 23/ 33 | 26/ 34 | 1/ 47      |
| 82                        | 14/ 43        | 36/ 41 | 15/ 32 | 18/ 32 | 24/ 33 | 24/ 31 | 24/ 27 | 23/ 31 | 35/ 37 | 28/ 26 | 33/ 38 | 25/ 48 | 25/ 46     |
| 83                        | 15/ 39        | 26/ 45 | 16/ 35 | 36/ 36 | 22/ 43 | 24/ 36 | 24/ 36 | 23/ 33 | 22/ 31 | 21/ 25 | 13/ 37 | 24/ 49 | 24/ 49     |
| 84                        | 1/ 38         | 23/ 24 | 36/ 33 | 1/ 29  | 36/ 30 | 26/ 32 | 23/ 30 | 23/ 36 | 1/ 33  | 36/ 38 | 30/ 36 | 26/ 35 | 1/ 36      |
| 85                        | 2/ 24         | 1/ 36  | 1/ 37  | 34/ 32 | 25/ 31 | 20/ 35 | 24/ 34 | 23/ 33 | 23/ 31 | 1/ 35  | 23/ 43 | 1/ 35  | 23/ 43     |
| 86                        | 15/ 31        | 14/ 35 | 15/ 44 | 25/ 33 | 24/ 31 | 25/ 34 | 24/ 33 | 25/ 30 | 24/ 32 | 36/ 36 | 35/ 47 | 1/ 30  | 15/ 44     |
| 87                        | 2/ 41         | 14/ 36 | 1/ 39  | 23/ 37 | 23/ 34 | 22/ 37 | 23/ 37 | 23/ 34 | 23/ 36 | 22/ 31 | 36/ 39 | 1/ 54  | 1/ 54      |
| 88                        | 36/ 40        | 17/ 64 |        |        |        |        |        |        |        |        |        |        |            |
| MEAN                      | 41.4          | 41.6   | 39.3   | 36.8   | 37.0   | 37.8   | 36.2   | 35.0   | 35.2   | 37.9   | 38.7   | 35.6   | 48.6       |
| S.D.                      | 8.935         | 9.787  | 6.710  | 6.271  | 4.902  | 4.453  | 4.339  | 3.643  | 5.024  | 7.520  | 6.571  | 6.490  | 7.093      |
| TOTAL OBS                 | 1261          | 1135   | 1226   | 1189   | 1222   | 1187   | 1233   | 1229   | 1195   | 1245   | 1195   | 1234   | 1455       |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | 5.1                                  | 4.4  | 1.1  | 1.6   | 1.4   | .4    |       |       |       |       |            | 14.0         | 6.9   |
| NNE                    | 4.7                                  | 3.4  | 2.2  | .2    | .4    |       |       |       |       |       |            | 11.0         | 5.1   |
| NE                     | 1.8                                  | 1.5  | 1.1  | .1    |       |       |       |       |       |       |            | 4.5          | 4.7   |
| ENE                    | 2.2                                  | .6   | .2   |       |       |       |       |       |       |       |            | 3.0          | 3.1   |
| E                      | 2.8                                  | 2.0  | .4   |       |       |       |       |       |       |       |            | 5.3          | 3.6   |
| ESE                    | 1.0                                  | 1.2  |      |       |       |       |       |       |       |       |            | 2.2          | 3.4   |
| SE                     | 1.2                                  | 1.2  | 1.0  | .6    |       | .1    | .2    |       |       |       |            | 4.3          | 4.0   |
| SSE                    | 1.0                                  | .8   | .4   | .8    |       | .1    |       |       |       |       |            | 3.0          | 2.4   |
| S                      | 2.6                                  | 1.1  | .4   | .8    |       |       |       |       |       |       |            | 4.8          | 5.1   |
| SSW                    | 1.5                                  | 1.3  | .4   |       |       |       |       |       |       |       |            | 3.2          | 4.1   |
| SW                     | 2.2                                  | 1.7  | 1.5  | .3    |       |       |       |       |       |       |            | 5.7          | 5.0   |
| WSW                    | 2.5                                  | 2.3  | .9   | .3    |       |       |       |       |       |       |            | 5.9          | 4.6   |
| W                      | 1.6                                  | .5   | .4   |       |       |       |       |       |       |       |            | 2.6          | 3.2   |
| WNW                    | .9                                   | .2   |      |       |       |       |       |       |       |       |            | 1.1          | 2.8   |
| NW                     | 1.4                                  | .5   |      |       |       |       |       |       |       |       |            | 1.9          | 2.8   |
| NNW                    | 2.2                                  | .9   | .1   | .1    | .1    |       |       |       |       |       |            | 3.3          | 3.7   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |            | 24.2         | ////  |
| TOTALS                 | 34.4                                 | 23.7 | 10.1 | 4.8   | 1.9   | .6    | .2    |       |       |       |            | 100.0        | 3.9   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.2                  | 4.8  | 2.3  | 1.1   | 1.3   | .2    |       |       |       |       |       | 13.9       | 6.7          |
| NNE                    | 5.2                  | 6.1  | 1.4  | .6    | .1    |       |       |       |       |       |       | 13.4       | 4.6          |
| NE                     | 3.0                  | 1.8  | .9   |       |       |       |       |       |       |       |       | 5.7        | 3.7          |
| ENE                    | 2.9                  | 1.7  | .5   |       |       |       |       |       |       |       |       | 5.2        | 3.5          |
| E                      | 2.8                  | 2.2  | .4   | .3    |       |       |       |       |       |       |       | 5.7        | 4.1          |
| ESE                    | 1.7                  | 1.0  | .1   | .1    |       |       |       |       |       |       |       | 2.9        | 3.3          |
| SE                     | 1.8                  | .1   | .8   | .6    | .2    | .4    |       |       |       |       |       | 4.0        | 6.3          |
| SSE                    | 1.9                  | 1.1  | .8   | .8    |       |       |       |       |       |       |       | 4.5        | 5.7          |
| S                      | 1.9                  | .6   | .2   | .8    |       |       |       |       |       |       |       | 3.5        | 5.5          |
| SSW                    | 1.0                  | 1.0  | .1   | .2    |       |       |       |       |       |       |       | 2.3        | 4.8          |
| SW                     | 1.4                  | 1.8  | 1.1  | .2    |       |       |       |       |       |       |       | 4.5        | 5.1          |
| WSW                    | 1.5                  | 1.0  | .9   | .3    |       |       |       |       |       |       |       | 3.7        | 5.2          |
| W                      | .5                   | 1.0  | .2   |       |       |       |       |       |       |       |       | 1.7        | 4.5          |
| WNW                    | .5                   | .1   |      |       |       |       |       |       |       |       |       | .6         | 2.5          |
| NW                     | .9                   | .1   | .1   |       |       |       |       |       |       |       |       | 1.1        | 3.0          |
| NNW                    | 1.2                  | 1.1  | .2   |       |       |       |       |       |       |       |       | 2.5        | 3.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 24.8       | ////         |
| TOTALS                 | 32.5                 | 25.5 | 9.9  | 5.1   | 1.6   | .6    |       |       |       |       |       | 100.0      | 3.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(IST): 0600-0600

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.6                  | 3.8  | 1.9  | 1.6   | 1.3   | .1    |       |       |       |       | 13.3       | 6.8          |
| NNE                    | 4.7                  | 4.2  | 2.5  | .3    |       |       |       |       |       |       | 11.7       | 4.7          |
| NE                     | 3.5                  | 3.4  | 1.5  | .2    |       |       |       |       |       |       | 8.7        | 4.6          |
| ENE                    | 2.6                  | 1.3  | 1.2  |       |       |       |       |       |       |       | 5.1        | 4.3          |
| E                      | 3.4                  | .9   | 1.0  |       |       |       |       |       |       |       | 5.3        | 3.6          |
| ESE                    | 1.1                  | .2   | .1   | .1    |       |       |       |       |       |       | 1.5        | 3.7          |
| SE                     | 1.8                  | 1.1  | 1.2  | 1.2   | .5    | .3    |       |       |       |       | 6.1        | 6.6          |
| SSE                    | 1.1                  | 1.1  | .4   | .6    | .2    | .1    |       |       |       |       | 3.5        | 7.3          |
| S                      | 1.2                  | .6   | .4   |       |       |       |       |       |       |       | 2.3        | 4.0          |
| SSW                    | 1.2                  | .4   | .6   | .2    |       |       |       |       |       |       | 2.5        | 5.3          |
| SW                     | 1.2                  | 1.5  | .4   | .4    | .1    |       |       |       |       |       | 3.7        | 5.5          |
| WSW                    | 1.0                  | 1.7  | .3   | .3    |       |       |       |       |       |       | 3.3        | 5.2          |
| W                      | 1.6                  | .6   | .1   | .1    |       |       |       |       |       |       | 2.5        | 3.3          |
| WNW                    | 1.3                  |      |      |       |       |       |       |       |       |       | 1.3        | 2.1          |
| NW                     | .8                   | .9   |      |       |       |       |       |       |       |       | 1.6        | 2.9          |
| NNW                    | 1.3                  | 1.0  |      |       |       |       |       |       |       |       | 2.3        | 3.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 25.4       | ////         |
| TOTALS                 | 32.4                 | 22.7 | 11.7 | 5.2   | 2.2   | .5    |       |       |       |       | 100.0      | 3.9          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(1ST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.4                  | 2.7  | 2.0  | 2.3   | 1.0   | 1.0   |       | .1    |       |       |       | 11.4       | 5.9          |
| NNE                    | 4.8                  | 7.7  | 4.8  | 1.9   | .1    | .3    | .1    |       |       |       |       | 19.9       | 6.4          |
| NE                     | 3.5                  | 5.1  | 1.7  | .2    |       |       |       |       |       |       |       | 10.5       | 4.7          |
| ENE                    | 1.9                  | 3.7  | 1.4  | .1    |       |       |       |       |       |       |       | 7.1        | 5.1          |
| E                      | 3.4                  | 1.6  | 1.2  | .2    |       |       |       |       |       |       |       | 6.5        | 4.3          |
| ESE                    | 1.3                  | .9   | .1   | .1    |       |       |       |       |       |       |       | 2.4        | 3.9          |
| SE                     | 1.0                  | .5   | 1.0  | 1.3   | .6    | .2    |       |       |       |       |       | 4.6        | 10.3         |
| SSE                    | .4                   | .2   | 1.1  | .9    | .1    |       |       |       |       |       |       | 2.7        | 8.8          |
| S                      | 1.2                  | 1.2  | 1.0  | .2    |       |       |       |       |       |       |       | 3.5        | 5.3          |
| SSW                    | 1.0                  | .9   | .5   | .4    | .1    |       |       |       |       |       |       | 2.9        | 6.1          |
| SW                     | 1.0                  | 1.9  | .9   | .5    | .1    |       |       |       |       |       |       | 4.4        | 6.6          |
| WSW                    | .6                   | 1.7  | 1.2  | .6    |       |       |       |       |       |       |       | 4.2        | 6.7          |
| W                      | 1.1                  | .8   | .3   | .1    |       |       |       |       |       |       |       | 2.3        | 4.4          |
| WNW                    | .1                   | .2   |      | .1    |       |       |       |       |       |       |       | .4         | 5.5          |
| NW                     | .4                   | .1   |      |       |       |       |       |       |       |       |       | .5         | 2.0          |
| NNW                    | 1.0                  | .5   | .1   |       | .1    |       |       |       |       |       |       | 1.7        | 4.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 14.9       | ////         |
| TOTALS                 | 25.2                 | 29.7 | 17.3 | 9.0   | 2.2   | 1.5   | .1    | .1    |       |       |       | 100.0      | 5.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.8                  | 2.4  | 2.8  | 2.2   | 1.7   | 1.7   |       |       |       |       |       | 12.6       | 11.5         |
| NNE                    | 2.6                  | 6.7  | 5.7  | 2.5   | .1    |       | .2    |       |       |       |       | 17.7       | 7.1          |
| NE                     | 3.2                  | 5.7  | 2.7  | .1    |       |       |       |       |       |       |       | 11.7       | 4.9          |
| ENE                    | 1.7                  | 4.3  | 1.5  | .3    |       |       |       |       |       |       |       | 7.8        | 5.3          |
| E                      | 4.7                  | 4.0  | 1.8  | .2    |       |       |       |       |       |       |       | 10.8       | 4.3          |
| ESE                    | .8                   | 1.8  | .5   | .4    |       |       |       |       |       |       |       | 3.5        | 5.8          |
| SE                     | .8                   | .5   | 1.0  | .9    | .3    | .1    |       |       |       |       |       | 3.5        | 9.4          |
| SSE                    | .3                   | .8   | 1.7  | .5    | .3    | .1    |       |       |       |       |       | 3.9        | 9.4          |
| S                      | 1.1                  | .8   | .5   | .1    |       |       |       |       |       |       |       | 2.5        | 4.9          |
| SSW                    | .5                   | .2   | .5   | .2    |       |       |       |       |       |       |       | 1.5        | 6.4          |
| SW                     | .4                   | .9   | 2.3  | 1.5   | .3    |       |       |       |       |       |       | 5.4        | 9.4          |
| WSW                    | .2                   | .9   | 1.4  | .9    |       |       |       |       |       |       |       | 3.3        | 6.7          |
| W                      | .3                   | .5   | .6   | .6    |       |       |       |       |       |       |       | 2.2        | 6.0          |
| WNW                    | .1                   | .2   |      | .1    |       |       |       |       |       |       |       | .4         | 6.0          |
| NW                     | .6                   | .1   |      |       |       |       |       |       |       |       |       | .8         | 2.1          |
| NNW                    | .9                   | .3   |      | .1    |       |       |       |       |       |       |       | 1.3        | 3.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 11.2       | ////         |
| TOTALS                 | 20.1                 | 30.0 | 23.1 | 10.6  | 2.8   | 1.9   | .2    |       |       |       |       | 100.0      | 6.3          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.5                  | 3.3  | 1.7  | 1.9   | 1.5   | .8    | .1    |       |       |       | 10.9       | 10.0         |
| NNE                    | 3.0                  | 5.1  | 2.6  | .8    |       |       |       |       |       |       | 11.4       | 5.6          |
| NE                     | 3.8                  | 3.5  | 1.0  | .2    |       |       |       |       |       |       | 8.5        | 4.2          |
| ENE                    | 2.3                  | 3.0  | 1.0  |       |       |       |       |       |       |       | 6.2        | 4.3          |
| E                      | 5.5                  | 6.0  | 1.5  | .1    |       |       |       |       |       |       | 13.1       | 4.1          |
| ESE                    | 3.4                  | 1.4  | .1   | .2    |       |       |       |       |       |       | 5.2        | 3.6          |
| SE                     | 2.2                  | 1.7  | .8   | 1.3   | .3    | .2    | .1    |       |       |       | 6.6        | 7.6          |
| SSE                    | 1.3                  | .9   | .2   | .2    |       | .4    |       |       |       |       | 3.0        | 7.4          |
| S                      | 1.4                  | 1.1  | .9   | .3    |       |       |       |       |       |       | 3.7        | 5.4          |
| SSW                    | .8                   | 1.5  | .9   | .6    |       |       |       |       |       |       | 3.8        | 6.7          |
| SW                     | 1.5                  | 1.6  | 1.1  | 1.2   |       |       |       |       |       |       | 5.4        | 6.5          |
| WSW                    | .6                   | 1.6  | 1.8  | 1.3   |       |       |       |       |       |       | 5.4        | 7.6          |
| W                      | .6                   | 1.0  | .9   | .2    |       |       |       |       |       |       | 2.7        | 6.2          |
| WNW                    |                      | .1   |      |       |       |       |       |       |       |       | .1         | 5.0          |
| NW                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 3.0          |
| NNW                    | .4                   | .2   | .3   | .2    | .1    | .1    |       |       |       |       | 1.4        | 6.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 12.7       | ////         |
| TOTALS                 | 28.4                 | 32.0 | 14.6 | 8.6   | 1.9   | 1.5   | .2    |       |       |       | 100.0      | 5.3          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.9                  | 3.5  | 1.3  | 1.6   | 1.4   | .8    |       |       |       |       | 11.5       | 8.7          |
| NNE                    | 1.4                  | 2.7  | 1.2  | .3    | .1    |       |       |       |       |       | 5.7        | 5.4          |
| NE                     | 2.4                  | 1.5  | .4   |       |       |       |       |       |       |       | 4.3        | 3.6          |
| ENE                    | 1.8                  | .8   | .2   |       |       |       |       |       |       |       | 2.8        | 3.3          |
| E                      | 2.7                  | 2.9  | .1   |       |       |       |       |       |       |       | 5.7        | 3.5          |
| ESE                    | 1.5                  | 1.9  | .1   |       |       |       |       |       |       |       | 3.5        | 3.7          |
| SE                     | 2.7                  | 1.3  | .8   | 1.4   | .4    |       |       |       |       |       | 6.6        | 7.0          |
| SSE                    | 1.7                  | 1.0  | .8   |       | .1    | .1    |       |       |       |       | 3.7        | 5.6          |
| S                      | 2.4                  | 2.4  | 1.1  | .1    |       |       |       |       |       |       | 5.9        | 4.5          |
| SSW                    | 2.4                  | 1.8  | 1.1  |       |       |       |       |       |       |       | 5.3        | 4.4          |
| SW                     | 1.9                  | 2.6  | 2.4  | .3    |       |       |       |       |       |       | 7.2        | 5.6          |
| WSW                    | 1.8                  | 1.5  | 1.1  | .5    |       |       |       |       |       |       | 4.7        | 5.5          |
| W                      | 1.0                  | 1.1  | .3   | .1    | .1    |       |       |       |       |       | 2.6        | 5.3          |
| WNW                    | 1.4                  | .1   | .1   |       |       |       |       |       |       |       | 1.6        | 2.5          |
| NW                     | 1.5                  | .4   |      |       |       |       |       |       |       |       | 1.9        | 2.5          |
| NNW                    | 2.4                  | .6   | .2   |       |       |       |       |       |       |       | 3.2        | 2.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 23.5       | ////         |
| TOTALS                 | 31.8                 | 26.1 | 11.1 | 4.4   | 2.2   | .9    |       |       |       |       | 100.0      | 4.0          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(IST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.4                  | 2.7  | 2.4  | 1.6   | 1.0   | .8    | .1    |       |       |       |       | 12.9       | 6.1          |
| NNE                    | 3.1                  | 2.6  | 1.0  | .3    |       |       |       |       |       |       |       | 7.0        | 4.6          |
| NE                     | 2.2                  | .9   | .4   | .1    |       |       |       |       |       |       |       | 3.5        | 3.7          |
| ENE                    | 1.5                  | 1.3  | .1   |       |       |       |       |       |       |       |       | 2.9        | 3.8          |
| E                      | 2.5                  | 1.5  | .3   | .1    |       |       |       |       |       |       |       | 4.4        | 3.7          |
| ESE                    | 1.1                  | 1.0  |      | .1    |       |       |       |       |       |       |       | 2.2        | 4.0          |
| SE                     | 1.4                  | 1.1  | .4   | .6    | .4    | .3    | .1    |       |       |       |       | 4.4        | 6.9          |
| SSE                    | 1.6                  | 1.6  | .1   | .2    | .1    |       |       |       |       |       |       | 3.7        | 4.6          |
| S                      | 1.1                  | 2.0  | .4   | .4    | .2    | .1    |       |       |       |       |       | 4.3        | 6.5          |
| SSW                    | 1.6                  | 2.0  | .8   | .2    |       |       |       |       |       |       |       | 4.6        | 4.8          |
| SW                     | 1.9                  | 4.5  | 1.1  | .2    |       |       |       |       |       |       |       | 7.7        | 4.8          |
| WSW                    | 2.3                  | 1.2  | .5   | 1.1   | .2    |       |       |       |       |       |       | 5.3        | 6.2          |
| W                      | 1.7                  | .6   | .3   | .2    |       |       |       |       |       |       |       | 2.7        | 2.7          |
| WNW                    | 1.2                  | .3   |      |       |       |       |       |       |       |       |       | 1.5        | 2.4          |
| NW                     | 1.4                  | .2   |      |       |       |       |       |       |       |       |       | 1.6        | 2.4          |
| NNW                    | 3.0                  | 1.3  | .3   | .1    |       |       |       |       |       |       |       | 4.7        | 3.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 26.3       | ////         |
| TOTALS                 | 31.9                 | 24.8 | 8.2  | 5.4   | 1.9   | 1.2   | .2    |       |       |       |       | 100.0      | 4.0          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS (LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | 3.4                                  | 3.5  | 1.9  | 1.7   | 1.3   | .7    | .0    | .0    |       |       |            | 12.5         | 8.5   |
| NNE                    | 3.7                                  | 4.8  | 2.7  | .9    | .1    | .0    | .0    |       |       |       |            | 12.2         | 5.7   |
| NE                     | 2.9                                  | 2.9  | 1.2  | .1    |       |       |       |       |       |       |            | 7.2          | 4.4   |
| ENE                    | 2.1                                  | 2.1  | .8   | .1    |       |       |       |       |       |       |            | 5.0          | 4.3   |
| E                      | 3.5                                  | 2.6  | .8   | .1    |       |       |       |       |       |       |            | 7.1          | 4.0   |
| ESE                    | 1.5                                  | 1.2  | .1   | .1    |       |       |       |       |       |       |            | 2.9          | 4.0   |
| SE                     | 1.6                                  | .9   | .8   | 1.0   | .4    | .2    | .1    |       |       |       |            | 5.0          | 8.4   |
| SSE                    | 1.2                                  | .9   | .7   | .5    | .1    | .1    |       |       |       |       |            | 3.5          | 6.9   |
| S                      | 1.6                                  | 1.2  | .6   | .3    | .0    | .0    |       |       |       |       |            | 3.8          | 5.2   |
| SSW                    | 1.2                                  | 1.1  | .6   | .2    | .0    |       |       |       |       |       |            | 3.3          | 5.2   |
| SW                     | 1.4                                  | 2.1  | 1.3  | .6    | .1    |       |       |       |       |       |            | 5.5          | 6.0   |
| WSW                    | 1.3                                  | 1.5  | 1.0  | .7    | .0    |       |       |       |       |       |            | 4.5          | 6.2   |
| W                      | 1.1                                  | .8   | .4   | .2    | .0    |       |       |       |       |       |            | 2.4          | 4.8   |
| WNW                    | .7                                   | .2   | .0   | .0    |       |       |       |       |       |       |            | .9           | 2.9   |
| NW                     | .9                                   | .3   | .0   |       |       |       |       |       |       |       |            | 1.2          | 2.6   |
| NNW                    | 1.5                                  | .7   | .2   | .1    | .0    | .0    |       |       |       |       |            | 2.6          | 3.8   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |            | 20.4         | ////  |
| TOTALS                 | 29.6                                 | 26.9 | 13.3 | 6.6   | 2.1   | 1.1   | .1    | .0    |       |       |            | 100.0        | 4.6   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.2                  | 2.7  | 2.6  | 2.0   | 1.2   | .4    |       |       |       |       | 13.1       | 7.6          |
| NNE                    | 2.0                  | 1.6  | .7   | .5    |       | .2    |       |       |       |       | 5.1        | 6.3          |
| NE                     | .4                   | .4   |      |       |       |       |       |       |       |       | .7         | 3.2          |
| ENE                    | .5                   | .2   |      |       |       |       |       |       |       |       | .7         | 3.2          |
| E                      | .6                   |      |      |       |       |       |       |       |       |       | .6         | 1.4          |
| ESE                    | .5                   | .7   |      | .1    |       |       |       |       |       |       | 1.3        | 4.7          |
| SE                     | .4                   | .5   | .9   | .6    | .1    | .4    | .1    |       |       |       | 2.9        | 11.1         |
| SSE                    | .8                   | .8   | 1.1  | .1    | .1    |       | .1    |       |       |       | 3.1        | 7.3          |
| S                      | 3.3                  | 2.2  | 1.6  | .6    |       |       |       |       |       |       | 7.8        | 5.1          |
| SSW                    | 1.9                  | 2.9  | 1.1  | 1.4   |       |       |       |       |       |       | 7.3        | 6.2          |
| SW                     | 4.1                  | 4.9  | 2.9  | 1.1   | .1    |       |       |       |       |       | 13.2       | 5.6          |
| WSW                    | 3.4                  | 2.2  | 2.2  | .9    | .1    |       |       |       |       |       | 9.0        | 5.8          |
| W                      | 3.3                  | 1.6  | .6   |       | .1    |       |       |       |       |       | 5.7        | 3.6          |
| WNW                    | 1.2                  | .4   |      |       |       |       |       |       |       |       | 1.5        | 2.6          |
| NW                     | 1.5                  | .2   |      |       |       |       |       |       |       |       | 1.8        | 2.1          |
| NNW                    | 2.6                  | 1.1  | .1   | .2    |       |       |       |       |       |       | 4.0        | 3.4          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 22.4       | ////         |
| TOTALS                 | 30.6                 | 22.6 | 13.9 | 7.5   | 1.8   | .9    | .2    |       |       |       | 100.0      | 4.5          |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS: 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.8                  | 4.8  | 1.4  | 4.0   | .7    | .4    | .1    |       |       |       |       | 16.3       | 7.7          |
| NNE                    | 3.7                  | 1.9  | .8   | .4    | .7    |       |       |       |       |       |       | 7.4        | 5.6          |
| NE                     | 1.1                  | .8   | .2   |       |       |       |       |       |       |       |       | 2.1        | 3.4          |
| ENE                    | .7                   | .1   |      |       |       |       |       |       |       |       |       | .8         | 2.4          |
| E                      | 1.1                  | .6   |      |       |       |       |       |       |       |       |       | 1.6        | 2.8          |
| ESE                    | .4                   | .2   | .1   | .4    |       |       |       |       |       |       |       | 1.1        | 6.9          |
| SE                     | .8                   | 1.4  | .8   | .6    | .5    |       |       |       |       |       |       | 4.1        | 7.7          |
| SSE                    | .9                   | 1.3  | .4   | .2    | .4    |       |       |       |       |       |       | 3.2        | 6.4          |
| S                      | 1.8                  | 1.2  | 1.6  | 1.1   |       |       |       |       |       |       |       | 5.7        | 6.6          |
| SSW                    | 2.4                  | 2.2  | 1.1  | .7    |       |       |       |       |       |       |       | 6.4        | 5.2          |
| SW                     | 2.7                  | 5.2  | 2.2  | .9    |       |       |       |       |       |       |       | 11.1       | 5.7          |
| WSW                    | 1.5                  | 2.1  | 1.5  | .5    |       |       |       |       |       |       |       | 5.7        | 5.8          |
| W                      | 2.5                  | 1.2  | .5   | .1    |       | .1    |       |       |       |       |       | 4.4        | 4.2          |
| WNW                    | 1.5                  | .2   |      |       |       |       |       |       |       |       |       | 1.8        | 2.5          |
| NW                     | 1.2                  | .2   | .1   |       |       |       |       |       |       |       |       | 1.5        | 2.7          |
| NNW                    | 1.4                  | 1.5  | .4   |       | .1    |       |       |       |       |       |       | 3.4        | 4.4          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 23.6       | ////         |
| TOTALS                 | 28.4                 | 25.1 | 11.2 | 8.8   | 2.4   | .5    | .1    |       |       |       |       | 100.0      | 4.5          |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.8                  | 5.7  | 1.5  | 1.8   | 1.9   | 1.2   |       |       |       |       |       | 16.8       | 8.3          |
| NNE                    | 3.2                  | 4.2  | .7   | .9    | .1    |       |       |       |       |       |       | 9.2        | 5.2          |
| NE                     | 1.1                  | .8   | .4   | .2    |       |       |       |       |       |       |       | 2.5        | 4.5          |
| ENE                    | .6                   | .6   |      | .2    |       |       |       |       |       |       |       | 1.4        | 4.6          |
| E                      | .4                   | .6   | .1   |       |       |       |       |       |       |       |       | 1.1        | 4.1          |
| ESE                    | .6                   | .4   | .5   | .4    |       |       |       |       |       |       |       | 1.8        | 6.6          |
| SE                     | 1.8                  | .8   | .8   | 1.1   |       | .1    |       |       |       |       |       | 4.6        | 6.9          |
| SSE                    | .9                   | 1.1  | .9   | 1.1   | .1    |       |       |       |       |       |       | 4.1        | 7.6          |
| S                      | 1.5                  | 1.3  | 1.5  | .6    |       |       |       |       |       |       |       | 4.9        | 6.0          |
| SSW                    | 1.1                  | 1.5  | .8   | .4    |       |       |       |       |       |       |       | 3.8        | 5.6          |
| SW                     | 1.5                  | 4.2  | 2.2  | .7    |       |       |       |       |       |       |       | 8.7        | 5.9          |
| WSW                    | 1.2                  | 2.2  | 1.1  | .4    | .1    | .1    |       |       |       |       |       | 5.1        | 6.1          |
| W                      | 1.5                  | .6   | .1   |       |       |       |       |       |       |       |       | 2.2        | 3.1          |
| WNW                    | 1.1                  | .6   |      |       |       |       |       |       |       |       |       | 1.6        | 2.8          |
| NW                     | .8                   | .2   |      |       |       |       |       |       |       |       |       | 1.1        | 2.4          |
| NNW                    | 1.4                  | .6   | .1   |       | .1    |       |       |       |       |       |       | 2.2        | 4.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 28.9       | ////         |
| TOTALS                 | 23.4                 | 25.4 | 10.8 | 7.7   | 2.4   | 1.4   |       |       |       |       |       | 100.0      | 4.4          |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.8                  | 4.8  | 4.5  | 2.6   | 1.9   | 1.8   | .7    |       |       |       |       | 19.1       | 10.5         |
| NNE                    | 4.2                  | 6.0  | 4.6  | 1.5   | 1.1   |       |       |       |       |       |       | 17.4       | 6.8          |
| NE                     | 2.5                  | 1.9  | 1.2  | .4    |       |       |       |       |       |       |       | 5.0        | 4.9          |
| ENE                    | 1.3                  | .6   |      |       |       |       |       |       |       |       |       | 1.9        | 3.1          |
| E                      | 1.1                  | .5   | .2   |       |       |       |       |       |       |       |       | 1.8        | 3.5          |
| ESE                    | .5                   | .7   | .2   | .4    | .1    | .1    |       |       |       |       |       | 2.0        | 6.1          |
| SE                     | .6                   | 1.1  | .7   | .8    | .8    | .8    |       |       |       |       |       | 4.8        | 12.3         |
| SSE                    | .9                   | .4   | .8   | 1.3   | .4    |       |       |       |       |       |       | 3.8        | 9.2          |
| S                      | 1.2                  | 1.4  | 1.5  | .9    | .1    |       |       |       |       |       |       | 5.2        | 7.3          |
| SSW                    | .9                   | 1.1  | 1.2  | .4    | .1    |       |       |       |       |       |       | 3.7        | 6.6          |
| SW                     | 1.2                  | 1.4  | 3.4  | 1.1   | .5    |       |       |       |       |       |       | 7.5        | 8.3          |
| WSW                    | .6                   | 1.8  | 2.4  | .9    |       | .2    | .1    |       |       |       |       | 6.0        | 8.5          |
| W                      | 1.3                  | .7   | 1.1  | .7    | .1    |       |       |       |       |       |       | 3.9        | 6.9          |
| WNW                    | .1                   |      | .4   |       |       |       |       |       |       |       |       | .5         | 6.5          |
| NW                     | .7                   | .1   |      |       |       |       |       |       |       |       |       | .8         | 2.7          |
| NNW                    | .9                   | .8   | .4   | .1    |       |       |       |       |       |       |       | 2.2        | 4.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 13.5       | ////         |
| TOTALS                 | 20.8                 | 23.2 | 22.5 | 11.1  | 5.1   | 2.9   | .8    |       |       |       |       | 100.0      | 6.9          |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.8                  | 4.9  | 2.7  | 2.5   | 2.1   | 1.5   | .2    |       |       |       |       | 15.8       | 10.7         |
| NNE                    | 3.4                  | 5.7  | 6.5  | 2.2   | .6    | .1    |       |       |       |       |       | 18.5       | 7.2          |
| NE                     | 1.9                  | 4.2  | 1.9  | .4    |       |       |       |       |       |       |       | 8.4        | 5.4          |
| NNE                    | .8                   | 1.8  | .7   |       |       |       |       |       |       |       |       | 3.3        | 5.1          |
| E                      | 2.4                  | 2.0  | .2   |       |       |       |       |       |       |       |       | 4.6        | 3.7          |
| ESE                    | .9                   | 2.0  | .1   | .2    |       |       |       |       |       |       |       | 3.3        | 4.6          |
| SE                     | .4                   | .9   | 1.1  | 1.4   | .6    | .7    | .4    |       |       |       |       | 5.4        | 13.5         |
| SSE                    | .7                   | .8   | .8   | 1.1   | .1    | .2    | .1    |       |       |       |       | 3.9        | 9.6          |
| S                      | 1.4                  | 1.5  | 1.5  | 1.3   | .2    |       |       |       |       |       |       | 6.0        | 7.5          |
| SSW                    | .2                   | .9   | .7   | .7    | .1    | .1    |       |       |       |       |       | 2.8        | 8.9          |
| SW                     | .5                   | 1.2  | 1.9  | 1.9   | .5    |       |       |       |       |       |       | 5.9        | 9.2          |
| WSW                    | .7                   | 1.8  | 2.6  | 2.2   | .2    | .1    |       |       |       |       |       | 7.7        | 9.2          |
| W                      | .6                   | 1.4  | .8   | 1.4   | .1    | .2    |       |       |       |       |       | 4.6        | 9.4          |
| WNW                    | .6                   | .4   | .2   |       |       |       |       |       |       |       |       | 1.2        | 3.6          |
| NW                     |                      | .4   |      |       |       |       |       |       |       |       |       | .4         | 5.0          |
| NNW                    | .5                   | .1   | .1   | .1    | .2    |       |       |       |       |       |       | 1.1        | 6.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 7.3        | ////         |
| TOTALS                 | 16.7                 | 30.0 | 21.9 | 15.4  | 4.8   | 3.1   | .7    |       |       |       |       | 100.0      | 7.6          |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(IST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.9                                  | 2.5  | 2.2  | 2.0   | 1.7   | .8    |       |       |       |       | 11.1       | 10.1         |
| NNE                    | 3.7                                  | 4.4  | 2.2  | 1.3   |       |       |       |       |       |       | 11.6       | 5.5          |
| NE                     | 2.1                                  | 2.2  | .8   | .1    |       |       |       |       |       |       | 5.3        | 4.6          |
| ENE                    | 1.4                                  | 2.1  | .4   |       |       |       |       |       |       |       | 3.9        | 3.9          |
| E                      | 2.7                                  | 2.7  | .5   |       |       |       |       |       |       |       | 5.9        | 3.8          |
| ESE                    | 1.7                                  | 1.3  | .2   | .1    |       |       |       |       |       |       | 3.3        | 4.0          |
| SE                     | 1.3                                  | .9   | 1.2  | 1.4   | .4    | .5    | .4    |       |       |       | 6.0        | 10.9         |
| SSE                    | .7                                   | .6   | .2   | .5    | .2    | .4    |       |       |       |       | 2.6        | 10.1         |
| S                      | 1.4                                  | 1.9  | 1.4  | .5    | .5    |       |       |       |       |       | 5.7        | 7.1          |
| SSW                    | 1.4                                  | 1.8  | 1.5  | .7    | .2    |       |       |       |       |       | 5.7        | 6.9          |
| SW                     | 1.3                                  | 1.5  | 2.4  | 2.0   | .5    |       |       |       |       |       | 7.7        | 6.5          |
| WSW                    | 1.1                                  | 2.0  | 2.8  | 3.3   | .2    |       |       |       |       |       | 9.4        | 9.0          |
| W                      | .7                                   | .8   | 2.2  | 1.7   | .1    |       |       |       |       |       | 5.5        | 8.6          |
| WNW                    | .5                                   | .7   | .1   |       |       |       |       |       |       |       | 1.3        | 4.5          |
| NW                     | .6                                   |      |      |       |       |       |       |       |       |       | .6         | 2.8          |
| NNW                    | .7                                   | .2   | .1   | .1    |       | .1    |       |       |       |       | 1.3        | 5.9          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 13.1       | ////         |
| TOTALS                 | 23.1                                 | 25.7 | 18.4 | 13.7  | 3.8   | 1.8   | .4    |       |       |       | 100.0      | 6.3          |

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(1ST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.0                  | 2.5  | 1.2  | .9    | .8    | .5    | .4    | .1    |       |       | 9.3        | 8.7          |
| NNE                    | 3.0                  | 1.2  | .2   |       |       |       |       |       |       |       | 4.4        | 3.0          |
| NE                     | 1.3                  | .8   |      |       |       |       |       |       |       |       | 2.1        | 2.7          |
| ENE                    | .6                   | .1   |      |       |       |       |       |       |       |       | .7         | 2.0          |
| E                      | 1.9                  | .4   |      |       |       |       |       |       |       |       | 2.2        | 2.4          |
| ESE                    | .8                   | .5   |      | .4    |       |       |       |       |       |       | 1.7        | 4.7          |
| SE                     | .6                   | .6   | .6   | .5    | 1.3   | .9    | .1    |       |       |       | 4.6        | 14.5         |
| SSE                    | 1.2                  | .7   | .6   | .5    | .4    | .1    |       |       |       |       | 3.4        | 7.6          |
| S                      | 2.4                  | 1.9  | .6   | .7    |       |       |       |       |       |       | 5.6        | 5.3          |
| SSW                    | 2.2                  | 2.2  | 2.7  | .7    | .1    |       |       |       |       |       | 8.0        | 6.4          |
| SW                     | 2.5                  | 5.3  | 2.4  | 1.3   | .1    |       |       |       |       |       | 11.6       | 6.0          |
| WSW                    | 2.7                  | 4.1  | 2.6  | 1.4   | .1    |       |       |       |       |       | 11.0       | 6.2          |
| W                      | 2.5                  | 2.4  | 1.5  | .9    | .1    |       |       |       |       |       | 7.4        | 5.9          |
| WNW                    | 1.8                  | 1.2  | .1   |       |       |       |       |       |       |       | 3.1        | 3.0          |
| NW                     | 1.4                  | .6   |      |       |       |       |       |       |       |       | 2.0        | 2.7          |
| NNW                    | 2.7                  | .6   | .5   | .1    |       |       |       |       |       |       | 3.9        | 3.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 18.9       | ////         |
| TOTALS                 | 30.5                 | 25.1 | 13.0 | 7.4   | 3.0   | 1.5   | .5    | .1    |       |       | 100.0      | 5.0          |

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.8                  | 2.7  | 2.0  | 2.2   | 1.5   | .5    |       |       |       |       |       | 11.8       | 9.0          |
| NNE                    | 1.3                  | .7   | .1   |       |       |       |       |       |       |       |       | 2.1        | 2.8          |
| NE                     | 1.2                  | .2   | .1   |       |       |       |       |       |       |       |       | 1.5        | 2.9          |
| ENE                    | .5                   |      |      |       |       |       |       |       |       |       |       | .5         | 1.5          |
| E                      | .5                   | .2   |      |       |       |       |       |       |       |       |       | .7         | 2.8          |
| ESE                    | .5                   |      | .2   |       |       | .1    |       |       |       |       |       | .8         | 6.6          |
| SE                     | .4                   | .4   | .6   | .9    |       | .2    |       |       |       |       |       | 2.5        | 10.3         |
| SSE                    | .8                   | .8   | .5   | 1.5   | .4    | .2    |       |       |       |       |       | 4.3        | 16.0         |
| S                      | 2.0                  | 3.0  | 1.2  | .8    |       |       |       |       |       |       |       | 7.0        | 5.5          |
| SSW                    | 2.5                  | 4.3  | 1.7  | .9    |       |       |       |       |       |       |       | 9.3        | 5.5          |
| SW                     | 3.7                  | 5.2  | 4.4  | 1.2   | .1    |       |       |       |       |       |       | 14.5       | 6.1          |
| WSW                    | 2.8                  | 3.2  | 2.5  | 1.4   |       |       |       |       |       |       |       | 9.9        | 6.1          |
| W                      | 3.2                  | 2.0  | .7   | .1    | .2    | .1    |       |       |       |       |       | 6.4        | 4.5          |
| WNW                    | 2.2                  | .4   |      |       |       |       |       |       |       |       |       | 2.6        | 2.0          |
| NW                     | 1.7                  | .2   |      |       |       |       |       |       |       |       |       | 1.9        | 2.0          |
| NNW                    | 2.5                  | .9   |      |       |       |       |       |       |       |       |       | 3.4        | 2.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 20.7       | ////         |
| TOTALS                 | 28.5                 | 24.2 | 13.0 | 9.2   | 2.2   | 1.2   |       |       |       |       |       | 100.0      | 4.8          |

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.3                  | 3.8  | 2.3  | 2.3   | 1.5   | .9    | .2    | .0    |       |       | 14.2       | 9.1          |
| NNE                    | 3.1                  | 3.2  | 2.0  | .9    | .3    | .0    |       |       |       |       | 9.5        | 6.0          |
| NE                     | 1.4                  | 1.4  | .6   | .1    |       |       |       |       |       |       | 3.6        | 4.5          |
| ENE                    | .8                   | .7   | .1   | .0    |       |       |       |       |       |       | 1.7        | 3.8          |
| E                      | 1.3                  | .9   | .1   |       |       |       |       |       |       |       | 2.3        | 3.4          |
| ESE                    | .7                   | .7   | .2   | .2    | .0    | .0    |       |       |       |       | 1.9        | 5.5          |
| SE                     | .8                   | .8   | .8   | .9    | .5    | .5    | .1    |       |       |       | 4.4        | 11.1         |
| SSE                    | .9                   | .8   | .7   | .8    | .3    | .1    | .0    |       |       |       | 3.5        | 8.5          |
| S                      | 1.9                  | 1.8  | 1.4  | .8    | .1    |       |       |       |       |       | 6.0        | 6.2          |
| SSW                    | 1.6                  | 2.1  | 1.3  | .7    | .1    | .0    |       |       |       |       | 5.9        | 6.2          |
| SW                     | 2.2                  | 3.6  | 2.7  | 1.3   | .2    |       |       |       |       |       | 10.0       | 6.6          |
| WSW                    | 1.8                  | 2.4  | 2.2  | 1.4   | .1    | .1    | .0    |       |       |       | 8.0        | 7.1          |
| W                      | 1.9                  | 1.3  | .9   | .6    | .1    | .1    |       |       |       |       | 5.0        | 5.9          |
| WNW                    | 1.1                  | .5   | .1   |       |       |       |       |       |       |       | 1.7        | 3.0          |
| NW                     | 1.0                  | .3   | .0   |       |       |       |       |       |       |       | 1.3        | 2.5          |
| NNW                    | 1.6                  | .7   | .2   | .1    | .1    | .0    |       |       |       |       | 2.7        | 4.1          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 18.5       | ////         |
| TOTALS                 | 25.3                 | 25.2 | 15.7 | 10.1  | 3.2   | 1.7   | .3    | .0    |       |       | 100.0      | 5.5          |

TOTAL NUMBER OF OBSERVATIONS: 6784

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.8                  | 1.4  | 1.5  | 1.2   | .3    |       |       |       |       |       |       | 6.2        | 7.0          |
| NNE                    | 1.1                  | .6   | .4   | .1    |       |       |       |       |       |       |       | 2.3        | 4.3          |
| NE                     | .3                   |      |      |       |       |       |       |       |       |       |       | .3         | 1.7          |
| ENE                    | .1                   | .1   |      | .1    |       |       |       |       |       |       |       | .3         | 6.7          |
| E                      | .5                   |      |      |       |       |       |       |       |       |       |       | .5         | 1.4          |
| ESE                    | .2                   | .1   | .3   | .1    |       |       |       |       |       |       |       | .8         | 7.3          |
| SE                     | .4                   |      | .4   | 1.0   | .4    |       |       |       |       |       |       | 2.3        | 10.9         |
| SSE                    | .9                   | 1.3  | .8   | .4    |       | .3    | .3    |       |       |       |       | 4.0        | 9.2          |
| S                      | 1.3                  | 2.8  | 1.0  | .5    | .2    |       |       |       |       |       |       | 5.8        | 5.8          |
| SSW                    | 2.6                  | 5.2  | 1.1  | .3    |       |       |       |       |       |       |       | 9.1        | 4.6          |
| SW                     | 4.6                  | 8.1  | 8.3  | 2.2   | .1    |       |       |       |       |       |       | 23.2       | 6.5          |
| WSW                    | 2.4                  | 6.1  | 6.2  | 3.2   | .2    |       |       |       |       |       |       | 18.2       | 7.5          |
| W                      | 1.6                  | 2.2  | 1.6  | .4    | .1    |       |       |       |       |       |       | 5.9        | 6.0          |
| WNW                    | 1.5                  | .3   |      |       |       |       |       |       |       |       |       | 1.8        | 2.5          |
| NW                     | .4                   | .2   |      |       |       |       |       |       |       |       |       | .6         | 3.0          |
| NNW                    | .4                   | 1.0  | .2   | .1    |       |       |       |       |       |       |       | 1.7        | 4.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 16.9       | ////         |
| TOTALS                 | 20.2                 | 29.4 | 21.8 | 9.7   | 1.4   | .3    | .3    |       |       |       |       | 100.0      | 5.4          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.8                  | 2.6  | 1.6  | 2.3   | .2    | .1    |       |       |       |       | 9.6        | 7.0          |
| NNE                    | 1.5                  | .9   | .5   | .2    |       |       |       |       |       |       | 3.1        | 4.4          |
| NE                     | .3                   |      | .2   |       |       |       |       |       |       |       | .5         | 5.0          |
| ENE                    | .2                   | .1   |      |       |       |       |       |       |       |       | .3         | 2.3          |
| E                      | .8                   | .3   | .1   |       |       |       |       |       |       |       | 1.2        | 3.5          |
| ESE                    | .4                   | .6   |      | .1    |       |       |       |       |       |       | 1.2        | 4.6          |
| SE                     | .8                   | .5   | .4   | .4    | .5    |       |       |       |       |       | 2.7        | 8.8          |
| SSE                    | 1.0                  | 1.4  | .5   | .5    | .5    | .2    |       |       |       |       | 4.2        | 8.4          |
| S                      | 1.4                  | 2.5  | 1.0  | .5    |       |       |       |       |       |       | 5.4        | 5.6          |
| SSW                    | 1.9                  | 2.3  | 1.3  | .4    |       |       |       |       |       |       | 5.9        | 5.1          |
| SW                     | 4.0                  | 6.9  | 5.5  | 1.8   | .1    |       |       |       |       |       | 18.3       | 6.4          |
| WSW                    | 1.6                  | 5.3  | 4.7  | 1.7   | .3    |       |       |       |       |       | 13.7       | 7.1          |
| W                      | 2.7                  | 2.2  | .8   | .1    | .1    |       |       |       |       |       | 5.8        | 4.2          |
| WNW                    | 1.4                  | .3   | .1   |       |       |       |       |       |       |       | 1.8        | 2.5          |
| NW                     | .5                   | .3   | .1   |       |       |       |       |       |       |       | 1.0        | 3.2          |
| NNW                    | 1.4                  | 1.3  | .2   |       |       |       |       |       |       |       | 2.9        | 3.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 22.5       | ////         |
| TOTALS                 | 22.7                 | 27.4 | 17.1 | 8.2   | 1.8   | .3    |       |       |       |       | 100.0      | 4.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.9                  | 2.3  | 1.9  | 2.3   | .5    | .2    | .1    |       |       |       | 11.2       | 7.4          |
| NNE                    | 2.7                  | 2.4  | 1.6  | .3    | .1    | .1    |       |       |       |       | 7.2        | 5.4          |
| NE                     | .9                   | .1   | .1   |       |       |       |       |       |       |       | 1.1        | 3.0          |
| ENE                    | .1                   | .1   | .1   |       |       |       |       |       |       |       | .3         | 4.7          |
| E                      | .5                   | .1   | .2   |       |       |       |       |       |       |       | .9         | 3.8          |
| ESE                    | .4                   | .3   | .3   | .1    |       |       |       |       |       |       | 1.2        | 5.1          |
| SE                     | 1.0                  | .8   | .6   | .6    | 1.0   | .2    |       |       |       |       | 4.2        | 10.4         |
| SSE                    | 1.2                  | 1.3  | .8   | .3    | .5    |       |       |       |       |       | 4.1        | 7.1          |
| S                      | 1.6                  | 2.4  | 1.0  | .1    |       |       |       |       |       |       | 5.1        | 4.7          |
| SSW                    | 1.1                  | 1.7  | 1.3  |       |       |       |       |       |       |       | 4.1        | 5.2          |
| SW                     | 2.3                  | 5.5  | 3.3  | 1.3   | .1    |       |       |       |       |       | 12.5       | 6.1          |
| WSW                    | 1.6                  | 4.3  | 4.0  | 2.7   | .4    |       |       |       |       |       | 13.0       | 7.8          |
| W                      | 2.8                  | 2.3  | 1.4  | .2    | .1    |       |       |       |       |       | 6.8        | 5.0          |
| WNW                    | .4                   | .2   |      |       |       |       |       |       |       |       | .6         | 2.2          |
| NW                     | .6                   | .3   |      |       |       |       |       |       |       |       | 1.0        | 2.8          |
| NNW                    | 2.0                  | .9   | .4   | .1    |       |       |       |       |       |       | 3.4        | 3.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 23.4       | ////         |
| TOTALS                 | 23.1                 | 24.8 | 17.1 | 8.1   | 2.8   | .5    | .1    |       |       |       | 100.0      | 4.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | 2.0                                  | 4.7  | 4.2  | 4.7   | 2.3   | .8    | .1    |       |       |       |            | 18.8         | 10.2  |
| NNE                    | 1.8                                  | 2.9  | 3.9  | 2.2   | .3    |       |       |       |       |       |            | 11.1         | 7.7   |
| NE                     | 1.2                                  | 1.5  | .9   | .2    |       |       |       |       |       |       |            | 3.8          | 5.2   |
| ENE                    | .2                                   | .4   | .1   |       |       |       |       |       |       |       |            | .8           | 4.6   |
| E                      | 1.3                                  | .8   | .3   |       |       |       |       |       |       |       |            | 2.4          | 3.6   |
| ESE                    | 1.2                                  | .1   | .2   |       |       |       |       |       |       |       |            | 1.5          | 2.9   |
| SE                     | .4                                   | 1.2  | 1.0  | .9    | .6    | .2    |       |       |       |       |            | 4.3          | 10.0  |
| SSE                    | .1                                   | 1.1  | 1.1  | 1.3   | .1    |       |       |       |       |       |            | 3.7          | 9.6   |
| S                      | .9                                   | 1.8  | 1.4  | 1.5   |       | .1    |       |       |       |       |            | 5.7          | 8.0   |
| SSW                    | .9                                   | 2.4  | 1.4  | 1.0   |       |       |       |       |       |       |            | 5.6          | 6.6   |
| SW                     | 1.4                                  | 2.3  | 3.9  | 2.5   | .1    |       |       |       |       |       |            | 10.1         | 8.0   |
| WSW                    | 1.3                                  | 3.1  | 4.0  | 4.1   | .8    |       |       |       |       |       |            | 13.2         | 9.2   |
| W                      | 1.4                                  | 1.6  | 1.6  | 1.3   |       |       |       |       |       |       |            | 5.9          | 6.9   |
| WNW                    | .9                                   | .1   | .3   |       |       |       |       |       |       |       |            | 1.3          | 4.5   |
| NW                     | .4                                   | .3   |      |       |       |       |       |       |       |       |            | .8           | 2.9   |
| NNW                    | .8                                   | .9   | .6   |       | .2    |       |       |       |       |       |            | 2.5          | 6.0   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 8.7        | ////         |       |
| TOTALS                 | 16.1                                 | 25.2 | 24.8 | 19.6  | 4.4   | 1.1   | .1    |       |       |       |            | 100.0        | 7.4   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.4                  | 2.9  | 3.5  | 5.2   | 1.0   | 1.4   |       |       |       |       | 15.4       | 10.9         |
| NNE                    | 1.7                  | 3.8  | 3.8  | 1.1   | .1    |       |       |       |       |       | 10.4       | 6.6          |
| NE                     | 1.5                  | 1.1  | 1.4  | .4    |       |       |       |       |       |       | 4.4        | 5.7          |
| ENE                    | .8                   | .8   | .4   |       |       |       |       |       |       |       | 1.9        | 4.2          |
| E                      | 2.0                  | 1.2  | .2   |       |       |       |       |       |       |       | 3.4        | 3.3          |
| ESE                    | 1.0                  | .1   | .5   |       |       |       |       |       |       |       | 1.6        | 4.5          |
| SE                     | .9                   | .6   | .9   | 1.2   | .4    | .1    |       |       |       |       | 4.1        | 9.6          |
| SSE                    | .3                   | .4   | 1.1  | 1.0   |       |       |       |       |       |       | 2.8        | 9.1          |
| S                      | 1.4                  | 1.7  | 1.4  | .6    | .1    |       |       |       |       |       | 5.3        | 6.4          |
| SSW                    | 1.1                  | 1.9  | 2.6  | .8    | .6    |       |       |       |       |       | 7.0        | 8.1          |
| SW                     | 1.9                  | 3.8  | 3.9  | 3.2   | .3    |       |       |       |       |       | 13.1       | 8.0          |
| WSW                    | 1.2                  | 3.0  | 3.7  | 4.7   | 1.3   |       |       |       |       |       | 13.9       | 9.8          |
| W                      | 1.5                  | 1.3  | 2.6  | 1.5   | .2    |       |       |       |       |       | 7.1        | 7.6          |
| WNW                    | .6                   |      | .3   | .1    |       |       |       |       |       |       | 1.1        | 4.6          |
| NW                     | .6                   |      |      |       |       |       |       |       |       |       | .6         | 2.3          |
| NNW                    | .3                   | .3   | .3   | .2    |       |       |       |       |       |       | 1.2        | 6.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 6.7        | ////         |
| TOTALS                 | 18.3                 | 22.9 | 26.6 | 20.0  | 4.1   | 1.5   |       |       |       |       | 100.0      | 7.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.2                  | 2.8  | 3.2  | 2.6   | .8    | .2    |       |       |       |       |       | 10.8       | 9.1          |
| NNE                    | .6                   | 2.6  | 1.9  | 1.0   |       |       |       |       |       |       |       | 6.1        | 6.9          |
| NE                     | 1.3                  | 1.3  | .5   | .2    |       |       |       |       |       |       |       | 3.3        | 5.2          |
| ENE                    | 1.3                  | .9   | .1   |       |       |       |       |       |       |       |       | 2.3        | 3.6          |
| E                      | 1.8                  | 1.9  | .1   |       |       |       |       |       |       |       |       | 3.9        | 3.5          |
| ESE                    | 1.4                  | .5   |      |       |       |       |       |       |       |       |       | 1.9        | 2.4          |
| SE                     | .5                   | .9   | .4   | .9    | .2    | .3    |       |       |       |       |       | 3.2        | 10.3         |
| SSE                    | .9                   | .5   | .3   | .4    |       |       |       |       |       |       |       | 2.2        | 5.8          |
| S                      | 2.3                  | 1.2  | 1.1  | .5    | .2    |       |       |       |       |       |       | 5.3        | 5.7          |
| SSW                    | 1.0                  | 1.4  | 1.0  | 1.1   |       |       |       |       |       |       |       | 4.4        | 7.2          |
| SW                     | .9                   | 3.2  | 6.2  | 3.4   | .6    |       |       |       |       |       |       | 14.4       | 6.8          |
| WSW                    | .3                   | 3.4  | 9.1  | 7.8   | 1.2   |       |       |       |       |       |       | 21.9       | 11.1         |
| W                      | .5                   | 1.6  | 3.7  | 2.7   | .6    |       |       |       |       |       |       | 9.1        | 9.5          |
| WNW                    |                      | .4   | .3   | .1    |       |       |       |       |       |       |       | .9         | 7.5          |
| NW                     | .5                   | .3   | .1   | .1    |       |       |       |       |       |       |       | 1.1        | 4.5          |
| NNW                    | .1                   | .1   | .1   | .3    | .1    |       |       |       |       |       |       | .8         | 11.3         |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 8.5        | ////         |
| TOTALS                 | 14.6                 | 23.1 | 28.3 | 21.2  | 3.8   | .5    |       |       |       |       |       | 100.0      | 7.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.2                  | 2.3  | 1.4  | .9    | .3    |       |       |       |       |       | 6.0        | 6.8          |
| NNE                    | .8                   | .4   | .5   |       |       |       |       |       |       |       | 1.7        | 5.1          |
| NE                     | .5                   | .5   |      |       |       |       |       |       |       |       | 1.1        | 3.4          |
| ENE                    | .3                   | .1   |      |       |       |       |       |       |       |       | .4         | 2.3          |
| E                      | .6                   | .2   | .1   |       |       |       |       |       |       |       | 1.0        | 3.2          |
| ESE                    | .2                   | .2   | .4   |       |       |       |       |       |       |       | .9         | 6.5          |
| SE                     | .5                   | .5   | .2   | .6    | .4    | .1    |       |       |       |       | 2.5        | 10.5         |
| SSE                    | .4                   | .5   | .5   | .1    |       | .3    |       |       |       |       | 1.9        | 9.2          |
| S                      | 1.4                  | 1.0  | 1.1  | .3    |       |       |       |       |       |       | 3.8        | 5.7          |
| SSW                    | 2.5                  | 2.0  | 1.5  | .4    |       |       |       |       |       |       | 6.5        | 4.9          |
| SW                     | 2.7                  | 5.5  | 7.4  | 2.2   |       |       |       |       |       |       | 17.7       | 6.9          |
| WSW                    | 1.7                  | 9.1  | 12.0 | 5.4   | .4    | .1    |       |       |       |       | 28.8       | 6.1          |
| W                      | 2.6                  | 3.5  | 3.5  | 1.4   | .2    |       |       |       |       |       | 11.3       | 6.7          |
| WNW                    | .3                   | .6   | .2   |       |       |       |       |       |       |       | 1.2        | 4.4          |
| NW                     | .5                   | .4   | .2   |       |       |       |       |       |       |       | 1.2        | 4.1          |
| NNW                    | 1.2                  | .6   | .3   | .1    |       |       |       |       |       |       | 2.3        | 4.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 11.8       | ////         |
| TOTALS                 | 17.5                 | 27.7 | 29.6 | 11.4  | 1.4   | .5    |       |       |       |       | 100.0      | 6.1          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.8                  | .9   | 1.7  | 1.1   | .3    |       |       |       |       |       |       | 5.8        | 7.5          |
| NNE                    | .4                   | .2   | .1   |       |       |       |       |       |       |       |       | .8         | 3.9          |
| NE                     | .1                   |      | .1   |       |       |       |       |       |       |       |       | .2         | 4.0          |
| ENE                    |                      |      |      | .1    |       |       |       |       |       |       |       | .1         | 12.0         |
| E                      | .4                   |      | .1   |       |       |       |       |       |       |       |       | .5         | 4.0          |
| ESE                    | .1                   | .1   | .1   | .1    |       |       |       |       |       |       |       | .4         | 7.3          |
| SE                     | .3                   | .2   | .9   | .9    | .3    | .2    | .1    |       |       |       |       | 2.9        | 12.1         |
| SSE                    | .3                   | .3   | .8   | .5    |       | .2    |       |       |       |       |       | 2.2        | 9.9          |
| S                      | 1.0                  | 1.5  | .9   | .6    |       |       |       |       |       |       |       | 4.0        | 5.9          |
| SSW                    | 2.2                  | 5.5  | 2.2  | .3    |       |       |       |       |       |       |       | 10.1       | 5.1          |
| SW                     | 4.1                  | 7.8  | 8.2  | 3.0   | .2    |       |       |       |       |       |       | 23.3       | 6.8          |
| WSW                    | 3.1                  | 7.8  | 5.9  | 3.5   | .3    |       |       |       |       |       |       | 20.8       | 7.1          |
| W                      | 2.6                  | 2.5  | 2.3  | .6    |       |       |       |       |       |       |       | 8.0        | 5.4          |
| WNW                    | 1.8                  | .5   | .7   |       |       |       |       |       |       |       |       | 2.9        | 3.6          |
| NW                     | 1.0                  | .2   |      | .1    |       |       |       |       |       |       |       | 1.3        | 3.3          |
| NNW                    | 1.3                  | .9   | .2   |       |       |       |       |       |       |       |       | 2.4        | 3.5          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 14.4       | ////         |
| TOTALS                 | 20.5                 | 28.5 | 23.9 | 11.0  | 1.2   | .4    | .1    |       |       |       |       | 100.0      | 5.6          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | 2.0                                  | 2.5  | 2.4  | 2.5   | .7    | .3    | .0    |       |       |       |            | 10.5         | 6.8   |
| NNE                    | 1.3                                  | 1.7  | 1.6  | .6    | .1    | .0    |       |       |       |       |            | 5.3          | 6.3   |
| NE                     | .8                                   | .6   | .4   | .1    |       |       |       |       |       |       |            | 1.8          | 4.9   |
| ENE                    | .4                                   | .3   | .1   | .0    |       |       |       |       |       |       |            | .8           | 4.1   |
| E                      | 1.0                                  | .6   | .1   |       |       |       |       |       |       |       |            | 1.7          | 3.4   |
| ESE                    | .6                                   | .3   | .2   | .1    |       |       |       |       |       |       |            | 1.2          | 4.4   |
| SE                     | .6                                   | .6   | .6   | .8    | .5    | .1    | .0    |       |       |       |            | 3.3          | 10.3  |
| SSE                    | .6                                   | .9   | .7   | .6    | .1    | .1    | .0    |       |       |       |            | 3.1          | 8.5   |
| S                      | 1.4                                  | 1.9  | 1.1  | .6    | .1    | .0    |       |       |       |       |            | 5.0          | 6.0   |
| SSW                    | 1.6                                  | 2.8  | 1.5  | .5    | .1    |       |       |       |       |       |            | 6.6          | 5.7   |
| SW                     | 2.7                                  | 5.4  | 5.8  | 2.4   | .2    |       |       |       |       |       |            | 16.6         | 7.1   |
| WSW                    | 1.7                                  | 5.3  | 6.2  | 4.2   | .6    | .0    |       |       |       |       |            | 17.9         | 8.3   |
| W                      | 2.0                                  | 2.1  | 2.2  | 1.0   | .2    |       |       |       |       |       |            | 7.5          | 6.6   |
| WNW                    | .9                                   | .3   | .2   | .0    |       |       |       |       |       |       |            | 1.5          | 3.7   |
| NW                     | .6                                   | .3   | .1   | .0    |       |       |       |       |       |       |            | .7           | 3.4   |
| NNW                    | .9                                   | .7   | .3   | .1    | .0    |       |       |       |       |       |            | 2.1          | 4.7   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |            | 14.1         | ////  |
| TOTALS                 | 19.1                                 | 26.1 | 23.6 | 13.6  | 2.6   | .7    | .1    |       |       |       |            | 100.0        | 6.1   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .8                   | 1.3  | 2.1  | 1.7   | .2    |       |       |       |       |       | 6.1        | 8.8          |
| NNE                    | .3                   | .2   | .4   |       |       |       |       |       |       |       | 1.0        | 5.4          |
| NE                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| ENE                    | .3                   | .1   |      |       |       |       |       |       |       |       | .4         | 3.3          |
| E                      | .4                   | .2   |      |       |       |       |       |       |       |       | .7         | 2.8          |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.0          |
| SE                     | .6                   | .1   | .4   | .1    |       |       |       |       |       |       | 1.2        | 5.8          |
| SSE                    | .9                   | .6   |      | .1    |       |       |       |       |       |       | 1.6        | 3.9          |
| S                      | 1.8                  | 2.3  | 1.0  | .1    |       |       |       |       |       |       | 5.2        | 4.5          |
| SSW                    | 3.4                  | 3.1  | 1.9  | .3    |       |       |       |       |       |       | 8.8        | 4.9          |
| SW                     | 2.8                  | 11.4 | 11.8 | 6.1   | .4    |       |       |       |       |       | 32.6       | 7.7          |
| WSW                    | 2.7                  | 4.6  | 7.4  | 9.2   | .7    | .1    |       |       |       |       | 24.7       | 9.4          |
| W                      | 1.4                  | 2.0  | .9   | .1    |       |       |       |       |       |       | 4.4        | 4.8          |
| WNW                    | .3                   | .3   | .1   |       |       |       |       |       |       |       | .8         | 3.9          |
| NW                     | .4                   | .3   | .2   |       |       |       |       |       |       |       | 1.0        | 4.3          |
| NNW                    | .7                   | .8   | .6   | .2    |       |       |       |       |       |       | 2.2        | 6.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 9.0        | ////         |
| TOTALS                 | 17.2                 | 27.4 | 26.9 | 18.0  | 1.3   | .1    |       |       |       |       | 100.0      | 6.7          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.4                  | 1.6  | 2.1  | 2.6   | 1.0   |       |       |       |       |       |       | 8.7        | 9.4          |
| NNE                    | .7                   | 1.0  | .7   |       |       |       |       |       |       |       |       | 2.3        | 5.2          |
| NE                     | .3                   |      |      |       |       |       |       |       |       |       |       | .3         | 1.7          |
| ENE                    | .1                   | .1   |      |       |       |       |       |       |       |       |       | .2         | 3.0          |
| E                      | .2                   |      | .1   |       |       |       |       |       |       |       |       | .3         | 4.7          |
| ESE                    | .6                   | .2   |      |       |       |       |       |       |       |       |       | .8         | 2.9          |
| SE                     | .6                   | .7   | .7   | .1    |       |       |       |       |       |       |       | 2.0        | 5.7          |
| SSE                    | .4                   | .4   | .2   |       |       |       |       |       |       |       |       | 1.1        | 4.9          |
| S                      | 1.2                  | 1.1  | .9   |       |       |       |       |       |       |       |       | 3.2        | 4.7          |
| SSW                    | 3.2                  | 2.1  | 1.1  | .1    |       |       |       |       |       |       |       | 6.6        | 4.3          |
| SW                     | 5.6                  | 7.4  | 8.2  | 4.4   | .3    | .1    |       |       |       |       |       | 26.1       | 7.3          |
| WSW                    | 3.2                  | 6.6  | 6.4  | 7.1   | .9    | .2    |       |       |       |       |       | 24.4       | 8.5          |
| W                      | 1.7                  | 2.4  | 1.7  | .6    |       |       |       |       |       |       |       | 6.3        | 5.5          |
| WNW                    | .8                   | .3   | .1   |       |       |       |       |       |       |       |       | 1.2        | 3.6          |
| NW                     | .4                   | .3   | .2   |       |       |       |       |       |       |       |       | 1.0        | 4.0          |
| NNW                    | 1.6                  | .4   | .3   | .2    |       |       |       |       |       |       |       | 2.6        | 4.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 12.8       | ////         |
| TOTALS                 | 22.0                 | 24.8 | 22.8 | 15.1  | 2.2   | .3    |       |       |       |       |       | 100.0      | 6.1          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.6                  | 2.1  | 1.8  | 2.6   | 1.4   |       |       |       |       |       |       | 9.4        | 9.6          |
| NNE                    | 1.3                  | 1.2  | .7   | .4    |       |       |       |       |       |       |       | 3.7        | 5.4          |
| NE                     | .3                   | .1   |      | .1    |       |       |       |       |       |       |       | .6         | 4.6          |
| ENE                    | .2                   | .4   | .1   |       |       |       |       |       |       |       |       | .8         | 4.7          |
| E                      | .1                   | .4   | .3   |       |       |       |       |       |       |       |       | .9         | 5.5          |
| ESE                    | .2                   | .2   | .3   |       |       |       |       |       |       |       |       | .8         | 5.4          |
| SE                     | .7                   | .6   | .1   | 1.0   |       |       |       |       |       |       |       | 2.3        | 7.5          |
| SSE                    | .6                   | .4   | .6   | .2    |       |       |       |       |       |       |       | 1.8        | 6.1          |
| S                      | .7                   | .9   | 1.2  |       |       |       |       |       |       |       |       | 2.8        | 5.7          |
| SSW                    | 1.1                  | 1.8  | .7   | .4    |       |       |       |       |       |       |       | 4.0        | 5.3          |
| SW                     | 4.4                  | 6.7  | 5.6  | 4.0   | .6    |       |       |       |       |       |       | 21.2       | 7.1          |
| WSW                    | 2.4                  | 5.2  | 7.0  | 6.4   | 1.1   | .2    |       |       |       |       |       | 22.4       | 9.0          |
| W                      | 3.0                  | 2.3  | 2.1  | 1.7   |       |       |       |       |       |       |       | 9.1        | 6.3          |
| WNW                    | .9                   | .3   |      | .1    |       |       |       |       |       |       |       | 1.3        | 3.2          |
| NW                     | .2                   | .3   | .1   | .1    |       |       |       |       |       |       |       | .8         | 5.4          |
| NNW                    | .8                   | .4   | .4   | .1    |       |       |       |       |       |       |       | 1.8        | 4.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 16.3       | ////         |
| TOTALS                 | 18.6                 | 23.6 | 21.0 | 17.2  | 3.1   | .2    |       |       |       |       |       | 100.0      | 6.2          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.0                  | 3.6  | 3.6  | 4.7   | 2.7   | .7    |       |       |       |       |       | 17.1       | 10.7         |
| NNE                    | 2.6                  | 1.8  | 2.0  | 1.7   | .2    |       |       |       |       |       |       | 8.2        | 7.3          |
| NE                     | .9                   | 1.7  | .3   | .2    |       |       |       |       |       |       |       | 3.1        | 5.2          |
| ENE                    | .8                   | .6   | .1   | .1    |       |       |       |       |       |       |       | 1.6        | 4.2          |
| E                      | .9                   | .2   | .1   |       |       |       |       |       |       |       |       | 1.2        | 3.0          |
| ESE                    | .3                   | .1   |      |       |       |       |       |       |       |       |       | .4         | 2.5          |
| SE                     | .3                   | .2   | .2   | .4    |       |       |       |       |       |       |       | 1.2        | 7.4          |
| SSE                    | .7                   | .4   | .7   | .7    |       |       |       |       |       |       |       | 2.4        | 7.3          |
| S                      | 1.0                  | .9   | .9   | .4    | .1    |       |       |       |       |       |       | 3.3        | 6.7          |
| SSW                    | .9                   | 1.1  | 1.7  | .7    |       |       |       |       |       |       |       | 4.3        | 6.8          |
| SW                     | 1.8                  | 5.6  | 4.9  | 4.4   | .8    |       |       |       |       |       |       | 17.4       | 6.3          |
| WSW                    | 1.3                  | 3.2  | 6.4  | 6.3   | 1.2   | .2    |       |       |       |       |       | 18.9       | 9.9          |
| W                      | 1.6                  | 2.7  | 2.7  | 2.4   | .1    |       |       |       |       |       |       | 9.4        | 7.6          |
| WNW                    | 1.1                  | .3   |      |       |       |       |       |       |       |       |       | 1.4        | 3.1          |
| NW                     | .7                   | .3   | .1   |       |       |       |       |       |       |       |       | 1.1        | 3.4          |
| NNW                    | .8                   | 1.3  | .7   | .9    |       |       |       |       |       |       |       | 3.7        | 7.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 5.1        | ////         |
| TOTALS                 | 17.6                 | 24.0 | 24.3 | 23.0  | 5.1   | .9    |       |       |       |       |       | 100.0      | 7.9          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 |            |              |
| N                      | 1.9                  | 2.9  | 2.4  | 4.0   | 1.7   | .2    |       | 13.1       | 9.8          |
| NNE                    | 1.7                  | 1.3  | 1.3  | .8    | .3    |       |       | 5.4        | 7.0          |
| NE                     | 1.0                  | 1.8  | .3   |       |       |       |       | 3.1        | 4.4          |
| ENE                    | .6                   | .4   |      |       |       |       |       | 1.0        | 3.8          |
| E                      | 1.2                  | .4   | .1   |       |       |       |       | 1.4        | 3.3          |
| ESE                    | .6                   | .6   |      | .1    |       |       |       | 1.2        | 4.8          |
| SE                     | .2                   | .2   | .2   | .3    |       |       |       | 1.0        | 8.1          |
| SSE                    | .4                   | .2   | .3   | .2    | .1    |       |       | 1.3        | 7.2          |
| S                      | 1.8                  | 1.8  | .3   |       | .3    | .1    |       | 4.3        | 5.7          |
| SSW                    | 1.6                  | 2.4  | 2.6  | 1.0   | .1    |       |       | 7.7        | 6.7          |
| SW                     | 2.0                  | 4.0  | 6.7  | 6.0   | .4    |       |       | 19.1       | 8.8          |
| WSW                    | 1.6                  | 4.1  | 7.3  | 7.7   | .9    | .6    |       | 22.1       | 9.9          |
| W                      | 1.7                  | 2.1  | 3.7  | 1.6   | .4    |       |       | 9.4        | 7.8          |
| WNW                    | 1.0                  | .3   | .4   |       |       |       |       | 1.8        | 4.1          |
| NW                     | .8                   | .2   | .3   |       |       |       |       | 1.3        | 4.8          |
| NNW                    | .1                   | .6   | .6   | .1    |       |       |       | 1.3        | 6.4          |
| VARIABLE               |                      |      |      |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       | 4.9        | ////         |
| TOTALS                 | 18.0                 | 23.4 | 26.7 | 21.8  | 4.3   | .9    |       | 100.0      | 7.7          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .3                   | 1.4  | 2.3  | 3.3   | .4    |       |       |       |       |       | 7.9        | 10.4         |
| NNE                    | .9                   | 1.1  | .3   | .3    | .2    |       |       |       |       |       | 2.9        | 6.1          |
| NE                     | 1.1                  | .3   | .1   |       |       |       |       |       |       |       | 1.6        | 3.1          |
| ENE                    | .1                   | .3   | .1   |       |       |       |       |       |       |       | .6         | 4.6          |
| E                      | .6                   | 1.0  |      |       |       |       |       |       |       |       | 1.6        | 3.6          |
| ESE                    | .4                   |      | .1   |       |       |       |       |       |       |       | .6         | 3.4          |
| SE                     | .1                   |      | .3   | .7    | .2    |       |       |       |       |       | 1.3        | 11.6         |
| SSE                    | .3                   | .2   | .3   |       |       |       |       |       |       |       | .9         | 5.0          |
| S                      | .7                   | .6   | .3   |       | .1    |       |       |       |       |       | 1.7        | 5.5          |
| SSW                    | .6                   | 1.2  | .8   | .1    | .4    |       |       |       |       |       | 3.1        | 7.7          |
| SW                     | .9                   | 3.9  | 8.6  | 5.8   | .4    |       |       |       |       |       | 19.6       | 9.3          |
| WSW                    | .9                   | 5.2  | 13.9 | 16.6  | 1.8   | .7    |       |       |       |       | 39.0       | 10.6         |
| W                      | .9                   | 3.6  | 3.6  | 4.6   | .3    |       |       |       |       |       | 12.9       | 9.1          |
| WNW                    | .2                   | .4   | .1   |       |       |       |       |       |       |       | .9         | 4.1          |
| NW                     | .2                   | .2   | .3   | .1    |       |       |       |       |       |       | .9         | 7.1          |
| NNW                    | .7                   | .3   | .2   | .1    |       |       |       |       |       |       | 1.3        | 4.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 3.6        | ////         |
| TOTALS                 | 8.9                  | 19.9 | 31.4 | 31.6  | 4.0   | .7    |       |       |       |       | 100.0      | 9.0          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | .4                   | 1.7  | 1.3  | .9    |       |       |       |       |       |       |       | 4.3        | 7.4          |
| NNE                    | .8                   | .1   |      |       |       |       |       |       |       |       |       | .9         | 2.5          |
| NE                     | .2                   |      |      |       |       |       |       |       |       |       |       | .2         | 2.0          |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| E                      | .2                   | .2   |      |       |       |       |       |       |       |       |       | .4         | 3.3          |
| ESE                    | .1                   | .1   | .1   |       |       |       |       |       |       |       |       | .3         | 5.0          |
| SE                     | .1                   | .2   | .4   | .2    | .2    |       |       |       |       |       |       | 1.2        | 10.0         |
| SSE                    | .3                   | .1   | .1   |       | .1    |       |       |       |       |       |       | .7         | 6.0          |
| S                      | .4                   | .7   |      | .2    | .1    |       |       |       |       |       |       | 1.4        | 6.3          |
| SSW                    | 1.1                  | 1.3  | 1.3  | .6    |       |       |       |       |       |       |       | 4.3        | 6.3          |
| SW                     | 1.6                  | 5.7  | 11.0 | 7.2   | .4    |       |       |       |       |       |       | 25.9       | 6.8          |
| WSW                    | 1.6                  | 9.3  | 19.1 | 11.3  | 1.4   |       |       |       |       |       |       | 42.8       | 9.1          |
| W                      | 1.3                  | 2.7  | 3.3  | 1.9   |       |       |       |       |       |       |       | 9.2        | 7.4          |
| WNW                    | .9                   | .3   | .2   |       |       |       |       |       |       |       |       | 1.4        | 3.8          |
| NW                     | .7                   | .7   | .3   |       |       |       |       |       |       |       |       | 1.7        | 4.2          |
| NNW                    | .3                   | 1.0  | .6   | .1    |       |       |       |       |       |       |       | 2.0        | 6.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 3.1        | ////         |
| TOTALS                 | 10.1                 | 24.1 | 37.9 | 22.4  | 2.3   |       |       |       |       |       |       | 100.0      | 6.0          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      | 1.3  | 1.4  | 1.3   | .1    |       |       |       |       |       | 4.2        | 9.0          |
| NNE                    | .1                   |      | .2   |       |       |       |       |       |       |       | .3         | 6.7          |
| NE                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 3.0          |
| ENE                    | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 3.7          |
| E                      | .2                   | .2   |      |       |       |       |       |       |       |       | .4         | 2.8          |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.0          |
| SE                     | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 5.0          |
| SSE                    | .2                   | .2   | .3   | .1    | .1    |       |       |       |       |       | 1.0        | 8.7          |
| S                      | 1.4                  | 1.1  | .8   |       |       |       |       |       |       |       | 3.3        | 4.6          |
| SSW                    | 2.1                  | 5.6  | 3.7  | 1.2   |       |       |       |       |       |       | 12.6       | 6.3          |
| SW                     | 2.3                  | 10.3 | 13.9 | 6.9   | .9    |       |       |       |       |       | 34.3       | 8.1          |
| WSW                    | 2.8                  | 7.0  | 7.9  | 7.4   | .4    |       |       |       |       |       | 25.6       | 6.5          |
| W                      | 1.3                  | 2.0  | 1.9  | .7    |       |       |       |       |       |       | 5.9        | 6.2          |
| WNW                    | .7                   | .1   | .1   |       |       |       |       |       |       |       | .9         | 3.1          |
| NW                     | .7                   | .8   | .1   |       |       |       |       |       |       |       | 1.6        | 4.1          |
| NNW                    | .4                   | 1.4  | .6   |       |       |       |       |       |       |       | 2.4        | 5.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 6.4        | ////         |
| TOTALS                 | 12.9                 | 30.6 | 30.9 | 17.7  | 1.6   |       |       |       |       |       | 100.0      | 7.0          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 7A-87  
MONTH: APR HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.1                                  | 2.0  | 2.1  | 2.6   | .9    | .1    |       |       |       |       | 8.9        | 9.7          |
| NNE                    | 1.0                                  | .8   | .7   | .4    | .1    |       |       |       |       |       | 3.1        | 6.4          |
| NE                     | .5                                   | .5   | .1   | .0    |       |       |       |       |       |       | 1.1        | 4.3          |
| ENE                    | .3                                   | .3   | .0   | .0    |       |       |       |       |       |       | .6         | 4.1          |
| E                      | .5                                   | .3   | .1   |       |       |       |       |       |       |       | .9         | 3.6          |
| ESE                    | .3                                   | .2   | .1   | .0    |       |       |       |       |       |       | .6         | 3.9          |
| SE                     | .3                                   | .3   | .3   | .4    | .1    |       |       |       |       |       | 1.3        | 7.7          |
| SSE                    | .5                                   | .3   | .3   | .2    | .0    |       |       |       |       |       | 1.3        | 6.2          |
| S                      | 1.1                                  | 1.2  | .7   | .1    | .1    | .0    |       |       |       |       | 3.2        | 5.3          |
| SSW                    | 1.7                                  | 2.3  | 1.7  | .6    | .1    |       |       |       |       |       | 6.4        | 5.9          |
| SW                     | 2.7                                  | 6.9  | 8.8  | 5.6   | .5    | .0    |       |       |       |       | 24.5       | 11.1         |
| WSW                    | 2.1                                  | 5.7  | 9.4  | 9.0   | 1.1   | .2    |       |       |       |       | 27.5       | 9.4          |
| W                      | 1.6                                  | 2.5  | 2.5  | 1.7   | .1    |       |       |       |       |       | 8.3        | 7.2          |
| WNW                    | .7                                   | .3   | .1   | .0    |       |       |       |       |       |       | 1.2        | 3.6          |
| NW                     | .5                                   | .4   | .2   | .0    |       |       |       |       |       |       | 1.2        | 4.5          |
| NNW                    | .7                                   | .8   | .5   | .2    |       |       |       |       |       |       | 2.2        | 5.7          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 7.7        | ////         |
| TOTALS                 | 15.7                                 | 24.7 | 27.7 | 20.8  | 3.0   | .4    |       |       |       |       | 100.0      | 7.3          |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                                   | .3   | 1.2  | 1.4   | .2    |       |       |       |       |       | 3.3        | 11.0         |
| NNE                    |                                      | .1   | .1   |       |       |       |       |       |       |       | .2         | 6.0          |
| NE                     | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| ENE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                                      | .1   |      |       |       |       |       |       |       |       | .1         | 5.0          |
| ESE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| SSE                    | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| S                      | .8                                   | .9   | .1   |       |       |       |       |       |       |       | 1.7        | 4.0          |
| SSW                    | 1.6                                  | 2.4  | .3   | .3    |       |       |       |       |       |       | 4.6        | 4.7          |
| SW                     | 2.5                                  | 10.2 | 15.5 | 16.8  | 3.2   | .5    |       |       |       |       | 48.7       | 10.0         |
| WSW                    | 1.0                                  | 3.3  | 9.4  | 16.1  | 1.9   | .4    | .1    |       |       |       | 32.3       | 11.4         |
| W                      | .3                                   | 1.1  | 1.4  | .8    | .1    |       |       |       |       |       | 3.7        | 8.3          |
| WNW                    | .3                                   | .2   |      |       |       |       |       |       |       |       | .5         | 3.0          |
| NW                     |                                      | .1   |      |       |       |       |       |       |       |       | .1         | 6.0          |
| NNW                    | .3                                   | .3   | .2   | .1    |       |       |       |       |       |       | 1.0        | 5.6          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 3.4        | ////         |
| TOTALS                 | 7.3                                  | 19.0 | 28.2 | 35.5  | 5.5   | 1.0   | .1    |       |       |       | 100.0      | 9.6          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .4                                   | .4   | .8   | 2.8   | .5    |       | .1    |       |       |       | 5.1        | 12.0         |
| NNE                    | .1                                   |      |      | .2    |       |       |       |       |       |       | .3         | 9.3          |
| NE                     |                                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| E                      |                                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     | .1                                   | .1   |      |       |       |       |       |       |       |       | .2         | 2.5          |
| SSE                    | .4                                   | .2   |      |       |       |       |       |       |       |       | .6         | 2.7          |
| S                      | .9                                   | .8   |      | .1    |       |       |       |       |       |       | 1.7        | 3.9          |
| SSW                    | 1.4                                  | 1.4  | .3   | .1    |       |       |       |       |       |       | 3.2        | 4.1          |
| SW                     | 3.3                                  | 9.1  | 13.0 | 12.0  | 2.8   | .1    |       |       |       |       | 40.4       | 9.4          |
| WSW                    | 2.0                                  | 5.4  | 12.8 | 13.8  | 2.5   |       |       |       |       |       | 36.5       | 10.1         |
| W                      | 1.2                                  | 2.0  | .8   | 1.0   | .1    |       |       |       |       |       | 5.1        | 6.8          |
| WNW                    | .3                                   |      |      |       |       |       |       |       |       |       | .3         | 2.0          |
| NW                     | .3                                   | .2   |      |       |       |       |       |       |       |       | .5         | 2.8          |
| NNW                    |                                      | .3   | .2   | .1    |       |       |       |       |       |       | .6         | 7.5          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 5.3        | ////         |
| TOTALS                 | 10.6                                 | 20.0 | 27.8 | 30.1  | 5.9   | .1    | .1    |       |       |       | 100.0      | 6.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0600-0600

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 |            |              |
| N                      | .5                                   | 1.2  | 1.3  | 4.2   | 1.4   | .8    |       |       | 9.4        | 13.0         |
| NNE                    | .1                                   | .2   | .1   | .3    |       |       |       |       | .8         | 8.3          |
| NE                     | .1                                   |      |      |       |       |       |       |       | .1         | 2.0          |
| ENE                    | .1                                   |      |      |       |       |       |       |       | .1         | 3.0          |
| E                      | .1                                   |      |      |       |       |       |       |       | .1         | 2.0          |
| ESE                    |                                      |      |      |       |       |       |       |       |            |              |
| SE                     |                                      |      | .1   |       |       |       |       |       | .1         | 2.0          |
| SSE                    | .2                                   |      | .3   |       |       |       |       |       | .5         | 6.0          |
| S                      | .2                                   | .3   |      | .1    |       |       |       |       | .6         | 4.8          |
| SSW                    | .9                                   | 1.3  | .5   | .2    |       |       |       |       | 2.9        | 5.1          |
| SW                     | 2.2                                  | 6.2  | 11.1 | 9.0   | 1.4   | .2    |       |       | 30.1       | 9.4          |
| WSW                    | 2.4                                  | 7.0  | 14.2 | 14.5  | 2.5   | .6    |       |       | 41.2       | 10.2         |
| W                      | 1.2                                  | 1.8  | 2.3  | 1.1   | .2    |       |       |       | 6.6        | 7.4          |
| WNW                    |                                      | .4   | .1   |       |       |       |       |       | .5         | 6.2          |
| NW                     | .4                                   |      |      | .1    |       |       |       |       | .5         | 4.4          |
| NNW                    | .1                                   | .3   | .1   |       | .1    |       |       |       | .6         | 6.8          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       | 5.8        | ////         |
| TOTALS                 | 8.5                                  | 18.8 | 30.1 | 29.6  | 5.6   | 1.6   |       |       | 100.0      | 9.1          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.0                                  | 2.2  | 3.0  | 5.4   | 2.6   | .8    | .1    |       |       |       | 14.9       | 12.2         |
| NNE                    | .8                                   | .9   | 1.7  | 1.8   | .4    |       |       |       |       |       | 5.6        | 9.7          |
| NE                     | .1                                   | .2   |      |       |       |       |       |       |       |       | .3         | 4.0          |
| ENE                    | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| E                      | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| ESE                    | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| SE                     |                                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                                   |      | .1   |       |       |       |       |       |       |       | .2         | 6.5          |
| S                      | .1                                   | .6   | .3   | .1    |       |       |       |       |       |       | 1.2        | 5.6          |
| SSW                    | .3                                   | 1.4  | .4   | .9    | .2    |       |       |       |       |       | 3.2        | 8.2          |
| SW                     | .9                                   | 5.2  | 9.6  | 7.2   | .9    |       |       |       |       |       | 23.7       | 9.3          |
| WSW                    | 1.2                                  | 4.3  | 12.0 | 13.9  | 1.7   | .6    |       |       |       |       | 33.8       | 10.8         |
| W                      | 1.3                                  | 2.6  | 2.9  | 2.4   | .1    |       |       |       |       |       | 9.2        | 7.8          |
| WNW                    | .9                                   | .8   |      | .1    |       |       |       |       |       |       | 1.7        | 3.6          |
| NW                     | .3                                   | .5   | .1   |       |       |       |       |       |       |       | 1.0        | 4.3          |
| NNW                    | .6                                   | 1.0  | .1   | .3    |       |       |       |       |       |       | 2.0        | 5.5          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 2.8        | ////         |
| TOTALS                 | 7.8                                  | 19.6 | 30.3 | 32.0  | 5.9   | 1.4   | .1    |       |       |       | 100.0      | 9.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .4                   | 1.5  | 3.8  | 3.9   | .8    | .4    |       |       |       |       | 10.8       | 10.9         |
| NNE                    | .5                   | 1.1  | 1.5  | 1.2   | .2    |       |       |       |       |       | 4.5        | 8.5          |
| NE                     | .2                   | .6   |      |       |       |       |       |       |       |       | .9         | 4.3          |
| ENE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 3.0          |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 1.5          |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| S                      | .2                   | .3   | .6   | .2    |       |       |       |       |       |       | 1.4        | 7.7          |
| SSW                    | .3                   | .9   | 1.6  | .5    |       |       |       |       |       |       | 3.3        | 7.8          |
| SW                     | .6                   | 4.0  | 11.6 | 8.0   | 1.7   | .3    |       |       |       |       | 26.2       | 10.3         |
| WSW                    | .6                   | 3.5  | 11.5 | 16.3  | 2.9   |       |       |       |       |       | 34.9       | 11.1         |
| W                      | 1.2                  | 2.7  | 4.1  | 3.0   | .4    |       |       |       |       |       | 11.4       | 8.8          |
| WNW                    | .2                   | .6   | .2   | .2    |       |       |       |       |       |       | 1.3        | 6.9          |
| NW                     | .5                   | .1   | .1   |       |       |       |       |       |       |       | .8         | 3.7          |
| NNW                    | .5                   | .5   | .6   | .2    | .1    |       |       |       |       |       | 2.7        | 6.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |            | 1.9          |
| TOTALS                 | 6.0                  | 15.9 | 35.7 | 33.5  | 6.1   | .8    |       |       |       |       | 100.0      | 9.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                   | 1.0 | 1.8  | 1.7   | .6    | .2    |       |       |       |       | 5.6        | 10.8         |
| NNE                    | .1                   | .3  | 1.0  | 1.0   |       |       |       |       |       |       | 2.4        | 9.5          |
| NE                     | .6                   | .3  | .1   |       |       |       |       |       |       |       | 1.1        | 3.4          |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      | .1  |      |       |       |       |       |       |       |       | .1         | 6.0          |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      |                      | .1  | .3   |       |       |       |       |       |       |       | .4         | 7.3          |
| SSW                    |                      | .3  | .8   | .5    |       |       |       |       |       |       | 1.6        | 9.0          |
| SW                     | .4                   | 1.3 | 6.3  | 10.9  | 2.9   | .5    |       |       |       |       | 22.4       | 12.4         |
| WSW                    | .1                   | 1.2 | 10.9 | 32.0  | 4.8   | .6    |       |       |       |       | 49.7       | 12.9         |
| W                      | .4                   | 1.7 | 3.2  | 7.8   | .4    |       |       |       |       |       | 13.7       | 11.0         |
| WNW                    | .1                   | .3  | .4   | .3    |       |       |       |       |       |       | 1.2        | 7.8          |
| NW                     | .2                   | .3  | .1   |       |       |       |       |       |       |       | .6         | 5.0          |
| NNW                    | .1                   | .4  | .2   |       |       |       |       |       |       |       | .8         | 5.3          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .5         | ////         |
| TOTALS                 | 2.4                  | 7.4 | 25.2 | 54.3  | 8.8   | 1.4   |       |       |       |       | 100.0      | 11.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | .4                   | .2  | 1.2  | .2    |       |       |       |       |       |       |       | 2.0        | 7.1          |
| NNE                    | .1                   | .1  | .2   | .1    |       |       |       |       |       |       |       | .5         | 7.0          |
| NE                     | .1                   |     |      |       |       |       |       |       |       |       |       | .1         | 2.0          |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| E                      | .1                   |     |      |       |       |       |       |       |       |       |       | .1         | 2.0          |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| S                      |                      | .2  | .3   |       |       |       |       |       |       |       |       | .5         | 7.2          |
| SSW                    |                      | .2  | .9   | .4    |       |       |       |       |       |       |       | 1.5        | 8.6          |
| SW                     | .8                   | 2.7 | 10.0 | 16.2  | 2.5   | .2    | .1    |       |       |       |       | 32.5       | 11.4         |
| WSW                    | .6                   | 3.7 | 14.5 | 27.1  | 4.3   | .1    |       |       |       |       |       | 50.3       | 11.7         |
| W                      | .9                   | 2.2 | 3.2  | 2.9   | .2    | .1    |       |       |       |       |       | 9.5        | 8.9          |
| WNW                    | .2                   | .2  | .2   | .2    |       |       |       |       |       |       |       | .9         | 6.4          |
| NW                     |                      | .3  | .1   |       |       |       |       |       |       |       |       | .4         | 5.8          |
| NNW                    | .2                   | .1  | .2   |       | .1    |       |       |       |       |       |       | .6         | 7.5          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |       | 1.0        | ////         |
| TOTALS                 | 3.4                  | 9.9 | 30.9 | 47.2  | 7.1   | .4    | .1    |       |       |       |       | 100.0      | 10.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      | .2   | .4   | .9    |       |       |       |       |       |       | 1.5        | 10.9         |
| NNE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 3.0          |
| SE                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      |                      | .3   |      | .1    |       |       |       |       |       |       | .4         | 6.5          |
| SSW                    | 1.3                  | 3.5  | 2.0  | .5    |       |       |       |       |       |       | 7.4        | 5.9          |
| SW                     | 2.5                  | 8.4  | 17.4 | 20.1  | 3.5   | .8    |       |       |       |       | 52.7       | 10.3         |
| WSW                    | 1.3                  | 4.3  | 7.6  | 14.8  | 2.2   | .4    |       |       |       |       | 30.6       | 11.1         |
| W                      | 1.1                  | .6   | 1.2  | .9    |       |       |       |       |       |       | 3.8        | 6.8          |
| WNW                    | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 4.0          |
| NW                     | .1                   | .3   | .1   |       |       |       |       |       |       |       | .5         | 4.6          |
| NNW                    | .1                   | .2   | .3   |       |       |       |       |       |       |       | .6         | 5.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 1.9        | ////         |
| TOTALS                 | 6.6                  | 18.2 | 29.1 | 37.3  | 5.7   | 1.2   |       |       |       |       | 100.0      | 9.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | .4                                   | .9   | 1.7  | 2.6   | .8    | .3    | .0    |       |       |       |            | 6.6          | 11.6  |
| NNE                    | .2                                   | .3   | .6   | .6    | .1    |       |       |       |       |       |            | 1.8          | 9.1   |
| NE                     | .2                                   | .1   | .0   |       |       |       |       |       |       |       |            | .3           | 3.5   |
| ENE                    | .1                                   |      |      |       |       |       |       |       |       |       |            | .1           | 2.6   |
| E                      | .0                                   | .0   |      |       |       |       |       |       |       |       |            | .1           | 3.2   |
| ESE                    | .1                                   |      |      |       |       |       |       |       |       |       |            | .1           | 2.0   |
| SE                     | .0                                   | .0   | .0   |       |       |       |       |       |       |       |            | .1           | 3.6   |
| SSE                    | .1                                   | .0   | .1   |       |       |       |       |       |       |       |            | .2           | 4.1   |
| S                      | .3                                   | .4   | .2   | .1    |       |       |       |       |       |       |            | 1.0          | 5.5   |
| SSW                    | .7                                   | 1.4  | .9   | .4    | .0    |       |       |       |       |       |            | 3.5          | 6.2   |
| SW                     | 1.6                                  | 5.9  | 11.8 | 12.5  | 2.4   | .3    | .0    |       |       |       |            | 34.6         | 10.2  |
| WSW                    | 1.2                                  | 4.1  | 11.6 | 18.6  | 2.8   | .4    | .0    |       |       |       |            | 38.7         | 11.2  |
| W                      | .9                                   | 1.8  | 2.4  | 2.5   | .2    | .0    |       |       |       |       |            | 7.8          | 8.7   |
| WNW                    | .3                                   | .3   | .1   | .1    |       |       |       |       |       |       |            | .8           | 5.5   |
| NW                     | .2                                   | .2   | .1   | .0    |       |       |       |       |       |       |            | .6           | 4.4   |
| NNW                    | .3                                   | .4   | .3   | .1    | .0    |       |       |       |       |       |            | 1.0          | 6.2   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 2.8        | ////         |       |
| TOTALS                 | 6.6                                  | 16.1 | 29.7 | 37.4  | 6.3   | 1.0   | .1    |       |       |       |            | 100.0        | 9.9   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEA HER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>Σ | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | .1                                   | .1   | .4   | .6    | .1    |       |       |       |       |       |            | 1.3          | 11.0  |
| NNE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| NE                     |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| ENE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| E                      |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| ESE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| SE                     |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| SSE                    |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| S                      | .2                                   | .3   | .1   |       |       |       |       |       |       |       |            | .7           | 4.5   |
| SSW                    | .4                                   | 2.1  | 2.1  | 1.1   | .1    |       |       |       |       |       |            | 5.9          | 7.9   |
| SW                     | 1.3                                  | 6.1  | 15.1 | 26.9  | 7.2   | 1.4   |       |       |       |       |            | 59.1         | 12.0  |
| WSW                    | .2                                   | 2.6  | 5.7  | 14.0  | 6.6   | 1.4   |       |       |       |       |            | 31.0         | 13.6  |
| W                      | .3                                   | .3   | .1   | .8    |       |       |       |       |       |       |            | 1.6          | 8.9   |
| WNW                    | .1                                   |      |      |       |       |       |       |       |       |       |            | .1           | 2.0   |
| NW                     | .1                                   |      |      |       |       |       |       |       |       |       |            | .1           | 2.0   |
| NNW                    |                                      | .1   | .1   | .1    |       |       |       |       |       |       |            | .3           | 10.7  |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |            | 9            | ////  |
| TOTALS                 | 2.9                                  | 11.7 | 23.7 | 44.0  | 14.0  | 2.9   |       |       |       |       |            | 100.0        | 12.0  |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .3   | .4   | .6    | .6    | .2    |       |       |       |       | 2.2        | 13.5         |
| NNE                    | .2                   | .1   | .1   |       |       |       |       |       |       |       | .4         | 4.0          |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.0          |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      | .7                   | .4   |      |       |       |       |       |       |       |       | 1.1        | 3.2          |
| SSW                    | 1.0                  | 1.7  | 1.1  | .6    | .2    |       |       |       |       |       | 4.6        | 6.6          |
| SW                     | 1.8                  | 5.9  | 14.2 | 21.8  | 4.6   | .4    |       |       |       |       | 46.7       | 11.2         |
| WSW                    | .9                   | 5.0  | 7.1  | 17.7  | 7.2   | .7    |       |       |       |       | 38.6       | 12.5         |
| W                      | .7                   | .4   | .2   | .9    | .2    |       |       |       |       |       | 2.4        | 6.6          |
| WNW                    |                      | .2   |      |       |       |       |       |       |       |       | .2         | 4.1          |
| NW                     | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 3.6          |
| NNW                    |                      |      | .1   |       |       |       |       |       |       |       | .1         | 1.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 1.2        | 1.2          |
| TOTALS                 | 5.7                  | 14.2 | 23.3 | 43.4  | 12.8  | 1.3   |       |       |       |       | 100.0      | 11.2         |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .2   | .8   | 1.3   | .4    | .3    |       | .1    |       |       | 3.3        | 14.4         |
| NNE                    | .2                   |      | .3   | .2    | .1    |       |       |       |       |       | .9         | 9.5          |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| E                      | .3                   |      |      |       |       |       |       |       |       |       | .3         | 2.0          |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                   | .3   |      |       |       |       |       |       |       |       | .4         | 3.8          |
| S                      | 1.0                  | .4   | .1   |       |       |       |       |       |       |       | 1.6        | 2.8          |
| SSW                    | .2                   | .8   | .8   | .3    | .1    |       |       |       |       |       | 2.2        | 7.9          |
| SW                     | 1.3                  | 5.2  | 10.2 | 19.0  | 3.7   | .1    |       |       |       |       | 39.6       | 11.3         |
| WSW                    | 1.6                  | 4.8  | 9.2  | 18.1  | 8.2   | .8    |       |       |       |       | 42.7       | 12.4         |
| W                      | .3                   | 1.3  | 1.6  | 1.2   | .6    |       |       |       |       |       | 5.0        | 9.5          |
| WNW                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| NW                     | .3                   | .1   |      |       |       |       |       |       |       |       | .4         | 2.3          |
| NNW                    | .4                   | .2   | .1   |       |       |       |       |       |       |       | .7         | 3.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 2.6        | ////         |
| TOTALS                 | 6.1                  | 13.6 | 23.1 | 40.2  | 13.1  | 1.2   |       | .1    |       |       | 100.0      | 11.1         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .8                   | 1.7  | 2.9  | 3.7   | .7    | .3    |       |       |       |       | 10.0       | 10.6         |
| NNE                    | .4                   | .6   | 2.1  | 1.6   | .2    |       |       |       |       |       | 4.9        | 9.3          |
| NE                     | .2                   | .1   | .1   |       |       |       |       |       |       |       | .4         | 3.8          |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      | .3                   |      |      |       |       |       |       |       |       |       | .3         | 2.7          |
| ESE                    | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 3.0          |
| SE                     |                      | .2   |      |       |       |       |       |       |       |       | .2         | 4.5          |
| SSE                    | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 4.0          |
| S                      | .2                   | .1   | .2   |       |       |       |       |       |       |       | .6         | 5.0          |
| SSW                    | .2                   | 1.0  | .3   | .3    | .1    |       |       |       |       |       | 2.0        | 7.2          |
| SW                     | 1.4                  | 3.8  | 9.8  | 16.0  | 2.7   | .7    |       |       |       |       | 34.3       | 11.3         |
| WSW                    | .6                   | 2.9  | 8.2  | 18.9  | 5.9   | .4    |       |       |       |       | 36.9       | 12.7         |
| W                      | .6                   | 1.9  | 1.4  | 1.0   | .4    |       |       |       |       |       | 5.3        | 8.3          |
| WNW                    | .6                   | .3   | .2   |       |       |       |       |       |       |       | 1.1        | 3.8          |
| NW                     | .4                   | .3   | .2   |       |       |       |       |       |       |       | 1.7        | 4.7          |
| NNW                    | .1                   | .3   |      |       |       |       |       |       |       |       | .4         | 4.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 2.0        | ////         |
| TOTALS                 | 6.1                  | 13.4 | 25.6 | 41.4  | 10.0  | 1.4   |       |       |       |       | 100.0      | 10.8         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                   | 2.2  | 1.8  | 1.9   |       | .3    |       |       |       |       | 6.4        | 9.3          |
| NNE                    | .3                   | 1.1  | 1.4  | 1.6   | .1    |       |       |       |       |       | 4.6        | 9.1          |
| NE                     | .3                   | .1   | .1   | .1    |       |       |       |       |       |       | .7         | 5.7          |
| ENE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.0          |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| SE                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      | .2                   | .2   | .2   |       |       |       |       |       |       |       | .7         | 5.3          |
| SSW                    | .2                   | 1.0  | 1.9  | 1.4   |       |       |       |       |       |       | 4.6        | 6.9          |
| SW                     | .9                   | 2.6  | 9.4  | 17.3  | 3.6   | .6    |       |       |       |       | 34.3       | 12.0         |
| WSW                    |                      | 2.9  | 8.9  | 14.7  | 7.4   | .4    |       |       |       |       | 34.3       | 13.0         |
| W                      | .7                   | 2.1  | 2.6  | 3.2   | 1.1   |       |       |       |       |       | 9.7        | 10.0         |
| WNW                    | .3                   | .7   | .1   |       |       |       |       |       |       |       | 1.1        | 4.2          |
| NW                     | .2                   | .4   | .6   |       |       |       |       |       |       |       | 1.2        | 6.2          |
| NNW                    |                      | .4   | .2   |       |       |       |       |       |       |       | .7         | 6.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 1.3        | ////         |
| TOTALS                 | 3.9                  | 13.8 | 27.2 | 40.2  | 12.2  | 1.3   |       |       |       |       | 100.0      | 11.2         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .8  | 1.3  | .6    | .2    | .1    |       |       |       |       | 3.1        | 9.5          |
| NNE                    | .9                   | .8  | 1.6  | .4    | .1    |       |       |       |       |       | 3.3        | 7.7          |
| NE                     |                      | .3  | .2   |       |       |       |       |       |       |       | .6         | 7.2          |
| ENE                    | .1                   |     |      |       |       |       |       |       |       |       | .1         | 2.0          |
| E                      | .1                   |     |      |       |       |       |       |       |       |       | .1         | 2.0          |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     | .1                   |     |      |       |       |       |       |       |       |       | .1         | 1.0          |
| SSE                    | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| S                      |                      |     | .1   |       |       |       |       |       |       |       | .1         | 7.0          |
| SSW                    | .2                   | .8  | .3   | .4    | .1    |       |       |       |       |       | 1.9        | 7.9          |
| SW                     | .3                   | 1.2 | 6.9  | 17.1  | 7.1   | .4    | .1    |       |       |       | 33.2       | 13.7         |
| WSW                    | .1                   | .4  | 7.2  | 26.2  | 10.7  | 1.8   |       |       |       |       | 46.4       | 14.4         |
| W                      | .1                   | 1.0 | 2.4  | 4.0   | 2.0   | .1    |       |       |       |       | 9.7        | 12.0         |
| WNW                    |                      | .1  | .2   |       |       |       |       |       |       |       | .3         | 6.3          |
| NW                     |                      | .3  |      |       |       |       |       |       |       |       | .3         | 4.3          |
| NNW                    | .1                   |     | .2   |       |       |       |       |       |       |       | .3         | 6.3          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |            | .1           |
| TOTALS                 | 2.0                  | 5.8 | 20.6 | 48.8  | 20.2  | 2.4   | .1    |       |       |       | 100.0      | 13.2         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      | .3  | .3   | .3    | .1    |       |       |       |       |       | 1.1        | 9.9          |
| NNE                    | .2                   | .3  | .4   |       |       |       |       |       |       |       | 1.0        | 5.8          |
| NE                     |                      | .1  |      |       |       |       |       |       |       |       | .1         | 4.0          |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                   |     |      |       |       |       |       |       |       |       | .1         | 2.0          |
| S                      |                      | .4  |      |       |       |       |       |       |       |       | .4         | 5.0          |
| SSW                    |                      |     | 1.6  | 1.9   | .2    |       |       |       |       |       | 3.7        | 11.7         |
| SW                     | .3                   | 2.0 | 8.4  | 21.6  | 7.7   | 1.1   | .1    |       |       |       | 41.2       | 15.5         |
| WSW                    | .3                   | 1.8 | 9.1  | 22.3  | 8.9   | 2.1   |       |       |       |       | 44.6       | 13.7         |
| W                      | .3                   | .8  | 2.2  | 2.1   | .6    | .3    |       |       |       |       | 6.3        | 11.1         |
| WNW                    | .2                   | .2  | .2   |       |       |       |       |       |       |       | .7         | 5.8          |
| NW                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNW                    |                      |     | .1   |       |       |       |       |       |       |       | .1         | 6.0          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .7         | ////         |
| TOTALS                 | 1.6                  | 6.0 | 22.4 | 48.2  | 17.4  | 3.6   | .1    |       |       |       | 100.0      | 13.0         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .1   | .3   | .4    |       |       |       |       |       |       | 1.0        | 5.8          |
| NNE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |      | .1   |       |       |       |       |       |       |       | .1         | 10.0         |
| S                      | .9                   | .4   | .2   | .2    |       |       |       |       |       |       | 1.8        | 4.9          |
| SSW                    | .6                   | 2.1  | 3.4  | 3.2   | .1    |       |       |       |       |       | 9.4        | 9.2          |
| SW                     | 1.0                  | 4.7  | 14.0 | 27.1  | 6.4   | 1.4   |       |       |       |       | 54.7       | 12.3         |
| WSW                    | .4                   | 1.8  | 5.7  | 14.2  | 5.9   | 1.3   | .1    |       |       |       | 29.4       | 13.6         |
| W                      | .3                   | .8   | .4   | .2    | .2    | .1    |       |       |       |       | 2.1        | 6.7          |
| WNW                    | .2                   | .2   |      |       |       |       |       |       |       |       | .4         | 3.8          |
| NW                     | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 3.0          |
| NNW                    |                      | .1   |      | .1    |       |       |       |       |       |       | .2         | 9.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | .6         | ////         |
| TOTALS                 | 3.7                  | 10.3 | 24.2 | 45.6  | 12.7  | 2.9   | .1    |       |       |       | 100.0      | 11.0         |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                                   | .7   | 1.0  | 1.2   | .3    | .2    |       | .0    |       |       | 3.6        | 10.8         |
| NNE                    | .2                                   | .4   | .7   | .5    | .1    |       |       |       |       |       | 1.9        | 8.5          |
| NE                     | .1                                   | .1   | .1   | .0    |       |       |       |       |       |       | .2         | 5.6          |
| ENE                    | .1                                   | .0   |      |       |       |       |       |       |       |       | .1         | 2.3          |
| E                      | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 2.3          |
| ESE                    | .0                                   | .0   |      |       |       |       |       |       |       |       | .0         | 2.7          |
| SE                     | .0                                   | .0   |      |       |       |       |       |       |       |       | .1         | 3.0          |
| SSE                    | .1                                   | .1   | .0   |       |       |       |       |       |       |       | .1         | 4.0          |
| S                      | .4                                   | .3   | .1   | .0    |       |       |       |       |       |       | .9         | 4.2          |
| SSW                    | .4                                   | 1.2  | 1.4  | 1.2   | .1    |       |       |       |       |       | 4.3        | 8.6          |
| SW                     | 1.1                                  | 3.9  | 11.0 | 20.8  | 5.4   | .8    | .0    |       |       |       | 45.0       | 12.1         |
| WSW                    | .5                                   | 2.8  | 7.6  | 18.3  | 7.6   | 1.1   | .0    |       |       |       | 38.0       | 13.2         |
| W                      | .4                                   | 1.1  | 1.4  | 1.7   | .6    | .1    |       |       |       |       | 5.3        | 10.7         |
| WNW                    | .2                                   | .2   | .1   |       |       |       |       |       |       |       | .5         | 4.3          |
| NW                     | .2                                   | .2   | .1   |       |       |       |       |       |       |       | .4         | 4.5          |
| NNW                    | .1                                   | .2   | .1   | .0    |       |       |       |       |       |       | .4         | 6.2          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 1.2        | ////         |
| TOTALS                 | 4.0                                  | 11.1 | 23.8 | 43.7  | 14.1  | 2.1   | .0    | .0    |       |       | 100.0      | 11.8         |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      |     | .1   |       |       |       |       |       |       |       | .1         | 8.0          |
| NNE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                   | .1  |      |       |       |       |       |       |       |       | .2         | 4.0          |
| S                      |                      | .5  | .1   |       |       |       |       |       |       |       | .6         | 5.2          |
| SSW                    | .4                   | .5  | 1.4  | .9    |       |       |       |       |       |       | 3.2        | 8.1          |
| SW                     | .9                   | 4.4 | 12.4 | 29.9  | 8.9   | .8    |       |       |       |       | 57.2       | 12.6         |
| WSW                    | .2                   | 1.3 | 4.4  | 18.4  | 9.8   | .6    |       |       |       |       | 34.7       | 14.3         |
| W                      | .1                   | .5  | .6   | 1.2   | .5    | .4    |       |       |       |       | 3.4        | 12.9         |
| WNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NW                     | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .2         | ////         |
| TOTALS                 | 1.9                  | 7.4 | 19.0 | 50.3  | 19.2  | 1.8   |       |       |       |       | 100.0      | 12.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      | .1  | .2   |       |       |       |       |       |       |       | .3         | 8.0          |
| NNE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      | .3                   | .3  |      |       |       |       |       |       |       |       | .6         | 3.3          |
| SSW                    | .4                   | .8  | 1.0  | .2    |       |       |       |       |       |       | 2.4        | 6.8          |
| SW                     | 1.1                  | 5.3 | 13.9 | 27.4  | 4.6   | .9    |       |       |       |       | 53.1       | 11.8         |
| WSW                    | 1.0                  | 2.0 | 6.9  | 21.8  | 6.3   | .5    |       |       |       |       | 38.6       | 13.0         |
| W                      | .1                   | .4  | 1.0  | .8    | .6    | .1    |       |       |       |       | 3.0        | 11.8         |
| WNW                    | .4                   |     |      |       |       |       |       |       |       |       | .4         | 2.5          |
| NW                     | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | 1.3        | ////         |
| TOTALS                 | 3.5                  | 8.9 | 22.9 | 50.2  | 11.6  | 1.5   |       |       |       |       | 100.0      | 11.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .6   | .1   | .4    |       |       |       |       |       |       | 1.2        | 6.9          |
| NNE                    | .1                   | .1   | .2   |       |       |       |       |       |       |       | .4         | 6.3          |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 3.7          |
| SSW                    | .1                   | .3   | 1.0  | .2    |       |       |       |       |       |       | 1.6        | 7.9          |
| SW                     | 1.1                  | 4.9  | 11.7 | 19.4  | 2.6   | .6    |       |       |       |       | 40.3       | 11.2         |
| WSW                    | .8                   | 3.7  | 11.7 | 24.6  | 6.1   | .5    |       |       |       |       | 47.4       | 12.3         |
| W                      | .6                   | .6   | 1.6  | 2.0   | .5    |       |       |       |       |       | 5.5        | 9.7          |
| WNW                    | .3                   |      |      | .1    |       |       |       |       |       |       | .4         | 5.0          |
| NW                     | .3                   |      |      |       |       |       |       |       |       |       | .3         | 2.7          |
| NNW                    | .3                   | .2   |      |       |       |       |       |       |       |       | .5         | 3.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 1.9        | ////         |
| TOTALS                 | 3.9                  | 10.8 | 26.3 | 46.8  | 9.2   | 1.2   |       |       |       |       | 100.0      | 11.2         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
HSAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 7R-87  
MONTH: JUL HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.0                  | 1.7  | 1.2  | 1.0   |       |       |       |       |       |       | 4.8        | 6.9          |
| NNE                    | .6                   | .5   | 1.4  | .8    | .1    |       |       |       |       |       | 3.4        | 6.2          |
| NE                     | .3                   | .2   |      |       |       |       |       |       |       |       | .5         | 3.4          |
| ENE                    |                      |      | .1   |       |       |       |       |       |       |       | .1         | 7.0          |
| E                      |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| ESE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| SE                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 1.0          |
| SSE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| S                      | .4                   | .1   |      |       |       |       |       |       |       |       | .5         | 3.0          |
| SSW                    | .1                   | 1.3  | .8   | .4    |       |       |       |       |       |       | 2.6        | 7.1          |
| SW                     | 1.1                  | 3.7  | 11.4 | 15.9  | 2.0   | .1    |       |       |       |       | 34.2       | 10.9         |
| WSW                    | 1.4                  | 3.8  | 10.2 | 24.1  | 4.0   | .4    |       |       |       |       | 43.9       | 11.6         |
| W                      | 1.2                  | 1.6  | 1.4  | 2.3   | .3    |       |       |       |       |       | 6.8        | 8.8          |
| WNW                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| NW                     |                      | .3   |      |       |       |       |       |       |       |       | .3         | 4.7          |
| NNW                    | .5                   | .2   |      |       |       |       |       |       |       |       | .7         | 1.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 1.5        | ////         |
| TOTALS                 | 7.0                  | 13.7 | 26.5 | 44.4  | 6.5   | .5    |       |       |       |       | 100.0      | 10.4         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.2                  | .8   | 1.0  | .5    |       |       |       |       |       |       |       | 3.4        | 5.9          |
| NNE                    | .3                   | 1.3  | .4   | .5    |       |       |       |       |       |       |       | 2.6        | 7.1          |
| NE                     | .1                   | .4   | .1   |       |       |       |       |       |       |       |       | .6         | 5.0          |
| ENE                    |                      | .1   | .1   |       |       |       |       |       |       |       |       | .2         | 7.5          |
| E                      |                      | .2   |      |       |       |       |       |       |       |       |       | .2         | 5.0          |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| SE                     | .1                   |      |      |       |       |       |       |       |       |       |       | .1         | 3.0          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| S                      |                      | .4   |      |       |       |       |       |       |       |       |       | .4         | 1.0          |
| SSW                    | .8                   | 1.0  | .3   | 1.1   |       |       |       |       |       |       |       | 3.1        | 7.2          |
| SW                     | 1.2                  | 3.7  | 10.5 | 15.2  | 2.8   |       |       |       |       |       |       | 33.3       | 11.2         |
| WSW                    | 1.5                  | 4.0  | 12.3 | 21.4  | 3.8   | .3    |       |       |       |       |       | 43.2       | 11.4         |
| W                      | 1.7                  | 2.4  | 2.0  | 2.0   | .1    | .1    |       |       |       |       |       | 8.4        | 7.8          |
| WNW                    | .6                   | .2   | .2   |       |       |       |       |       |       |       |       | 1.1        | 4.2          |
| NW                     | .8                   | .5   |      |       |       |       |       |       |       |       |       | 1.3        | 2.9          |
| NNW                    | .4                   |      |      |       |       |       |       |       |       |       |       | .4         | 1.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 1.5        | ////         |
| TOTALS                 | 8.7                  | 14.7 | 27.0 | 40.8  | 6.7   | .4    |       |       |       |       |       | 100.0      | 10.1         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS (LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .4                   | .5  | .4   | .1    |       |       |       |       |       |       | 1.5        | 5.8          |
| NNE                    | .4                   | .3  | .4   | .2    |       |       |       |       |       |       | 1.4        | 5.9          |
| NE                     |                      | .1  | .1   |       |       |       |       |       |       |       | .2         | 6.0          |
| ENE                    |                      | .2  |      |       |       |       |       |       |       |       | .2         | 4.0          |
| E                      | .1                   |     |      |       |       |       |       |       |       |       | .1         | 3.0          |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| SSW                    |                      | .3  | .2   | .4    | .1    |       |       |       |       |       | 1.1        | 11.0         |
| SW                     | .1                   | 2.2 | 6.9  | 20.5  | 4.9   | .1    |       |       |       |       | 34.7       | 10.4         |
| WSW                    | .1                   | 1.6 | 9.2  | 30.4  | 7.6   | 1.0   |       |       |       |       | 50.9       | 13.4         |
| W                      | .1                   | 1.1 | 2.0  | 4.9   | .9    |       |       |       |       |       | 9.0        | 11.9         |
| WNW                    |                      | .2  | .1   | .1    |       |       |       |       |       |       | .4         | 4.0          |
| NW                     | .2                   |     | .1   |       |       |       |       |       |       |       | .2         | 4.3          |
| NNW                    | .1                   | .2  |      |       |       |       |       |       |       |       | .3         | 5.1          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .2         | ////         |
| TOTALS                 | 2.0                  | 6.8 | 19.6 | 56.8  | 13.5  | 1.1   |       |       |       |       | 100.0      | 11.8         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS (LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .3                   | .1  | .1   |       |       |       |       |       |       |       | .5         | 3.6          |
| NNE                    |                      |     | .1   |       |       |       |       |       |       |       | .1         | 6.0          |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSW                    | .1                   | .1  | 1.1  | 1.0   |       | .1    |       |       |       |       | 2.4        | 10.5         |
| SW                     | .1                   | 1.1 | 10.6 | 25.2  | 8.1   | .3    |       |       |       |       | 45.4       | 13.2         |
| WSW                    |                      | 1.7 | 9.9  | 25.8  | 7.0   | .8    |       |       |       |       | 45.2       | 13.1         |
| W                      |                      | .1  | 1.4  | 3.8   | .2    |       |       |       |       |       | 5.5        | 12.0         |
| WNW                    | .1                   |     | .1   | .1    |       |       |       |       |       |       | .3         | 7.3          |
| NW                     | .2                   |     |      |       |       |       |       |       |       |       | .2         | 2.5          |
| NNW                    | .1                   | .1  |      |       |       |       |       |       |       |       | .2         | 3.5          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .2         | ////         |
| TOTALS                 | 1.0                  | 3.2 | 23.3 | 55.8  | 15.3  | 1.2   |       |       |       |       | 100.0      | 12.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS (LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    | .1                   |     |      |       |       |       |       |       |       |       | .1         | 2.0          |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .1                   |     |      |       |       |       |       |       |       |       | .1         | 2.0          |
| S                      |                      | .3  | .4   |       |       |       |       |       |       |       | .8         | 6.7          |
| SSW                    | .1                   | 1.6 | 1.6  | 1.2   |       |       |       |       |       |       | 4.5        | 6.5          |
| SW                     | .6                   | 3.5 | 14.5 | 32.3  | 7.5   | .5    |       |       |       |       | 59.0       | 12.4         |
| WSW                    | .1                   | 1.1 | 5.2  | 17.8  | 7.2   | .5    |       |       |       |       | 31.9       | 13.9         |
| W                      | .1                   | .2  | .9   | 1.3   | .9    |       |       |       |       |       | 3.3        | 12.9         |
| WNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NW                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .2         | ////         |
| TOTALS                 | 1.7                  | 6.8 | 22.6 | 52.6  | 15.6  | 1.1   |       |       |       |       | 100.0      | 12.6         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | .4                   | .5  | .4   | .3    |       |       |       |       |       |       |       | 1.5        | 6.4          |
| NNE                    | .2                   | .3  | .3   | .2    | .0    |       |       |       |       |       |       | 1.0        | 7.3          |
| NE                     | .1                   | .1  | .0   |       |       |       |       |       |       |       |       | .2         | 4.5          |
| ENE                    |                      | .0  | .0   |       |       |       |       |       |       |       |       | .1         | 6.0          |
| E                      | .0                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 4.3          |
| ESE                    | .0                   |     |      |       |       |       |       |       |       |       |       | .0         | 1.5          |
| SE                     | .0                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 3.3          |
| SSE                    | .0                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 3.3          |
| S                      | .1                   | .2  | .1   |       |       |       |       |       |       |       |       | .4         | 4.5          |
| SSW                    | .3                   | .7  | .9   | .7    | .0    | .0    |       |       |       |       |       | 2.6        | 6.2          |
| SW                     | .8                   | 3.6 | 11.5 | 23.2  | 5.2   | .4    |       |       |       |       |       | 44.7       | 12.1         |
| WSW                    | .6                   | 2.4 | 8.7  | 23.1  | 6.5   | .6    |       |       |       |       |       | 41.9       | 12.8         |
| W                      | .5                   | .9  | 1.4  | 2.3   | .5    | .1    |       |       |       |       |       | 5.6        | 10.5         |
| WNW                    | .2                   | .1  | .1   | .0    |       |       |       |       |       |       |       | .3         | 4.9          |
| NW                     | .2                   | .1  | .0   |       |       |       |       |       |       |       |       | .4         | 3.1          |
| NNW                    | .2                   | .1  |      |       |       |       |       |       |       |       |       | .3         | 3.1          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |       | .9         | ////         |
| TOTALS                 | 3.7                  | 9.1 | 23.4 | 49.7  | 12.2  | 1.1   |       |       |       |       |       | 100.0      | 11.8         |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 74-87  
MONTH: AUG HOURS(IST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      | .1                   |     |      | .1    |       |       |       |       |       |       | .2         | 6.5          |
| SSW                    | .1                   | .9  | .9   | 1.6   |       |       |       |       |       |       | 3.4        | 9.5          |
| SW                     | .4                   | 2.9 | 12.0 | 27.3  | 6.2   | .5    |       |       |       |       | 49.5       | 12.6         |
| WSW                    | .2                   | 1.9 | 6.1  | 21.4  | 14.0  | .8    |       |       |       |       | 44.4       | 14.4         |
| W                      | .2                   |     | .3   | 1.3   | .4    |       |       |       |       |       | 2.3        | 12.5         |
| WNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NW                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       | .2         | ////         |
| TOTALS                 | 1.1                  | 5.7 | 19.4 | 51.7  | 20.6  | 1.3   |       |       |       |       | 100.0      | 13.2         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.5          |
| NNE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| SSW                    | .1                   | .6   | .8   | .8    | .1    |       |       |       |       |       | 2.4        | 9.0          |
| SW                     | 1.3                  | 6.2  | 13.8 | 17.8  | 3.7   | .3    |       |       |       |       | 43.1       | 11.0         |
| WSW                    | .2                   | 4.1  | 8.6  | 25.3  | 9.9   | 1.1   |       |       |       |       | 49.1       | 13.3         |
| W                      | .4                   | .3   | 1.1  | 1.8   | .3    |       |       |       |       |       | 4.0        | 10.4         |
| WNW                    | .1                   |      |      |       | .     |       |       |       |       |       | .1         | 3.0          |
| NW                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| NNW                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | .8         | ////         |
| TOTALS                 | 2.4                  | 11.6 | 24.2 | 45.7  | 14.0  | 1.4   |       |       |       |       | 100.0      | 11.9         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.0          |
| NNE                    |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| NE                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| ESE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| S                      |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSW                    | 1.0                  | .4   | .4   | .3    |       |       |       |       |       |       | 2.2        | 5.7          |
| SW                     | 1.5                  | 5.5  | 9.4  | 12.6  | 2.0   | .1    |       |       |       |       | 31.1       | 10.2         |
| WSW                    | 1.7                  | 5.8  | 12.5 | 28.4  | 7.1   | .9    |       |       |       |       | 56.3       | 12.2         |
| W                      | 1.1                  | 1.5  | 1.6  | 2.6   | .3    |       |       |       |       |       | 7.1        | 8.9          |
| WNW                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 1.5          |
| NW                     | .1                   |      |      |       |       |       |       |       |       |       | .1         | 3.0          |
| NNW                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 2.5        | ////         |
| TOTALS                 | 6.0                  | 13.3 | 23.9 | 43.9  | 9.5   | 1.0   |       |       |       |       | 100.0      | 10.8         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.8                  | 1.9  | .6   | .5    |       |       |       |       |       |       |       | 4.9        | 5.3          |
| NNE                    | 1.0                  | .5   | .2   | .8    |       |       |       |       |       |       |       | 2.5        | 6.1          |
| NE                     | .2                   | .1   |      |       |       |       |       |       |       |       |       | .3         | 3.0          |
| ENE                    | .1                   |      |      |       |       |       |       |       |       |       |       | .1         | 3.0          |
| E                      |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| ESE                    | .3                   | .1   |      |       |       |       |       |       |       |       |       | .4         | 2.8          |
| SE                     | .1                   | .1   |      |       |       |       |       |       |       |       |       | .2         | 3.0          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| S                      | .1                   | .2   |      |       |       |       |       |       |       |       |       | .3         | 4.3          |
| SSW                    | .4                   | .6   | .5   | .5    |       |       |       |       |       |       |       | 2.2        | 7.3          |
| SW                     | 1.9                  | 2.4  | 8.8  | 12.0  | 1.8   | .1    |       |       |       |       |       | 27.1       | 10.6         |
| WSW                    | .6                   | 3.5  | 11.3 | 24.1  | 5.1   | .6    |       |       |       |       |       | 45.3       | 12.3         |
| W                      | 1.6                  | 1.9  | 2.7  | 2.3   | .5    |       |       |       |       |       |       | 9.0        | 8.3          |
| WNW                    | .8                   | .1   |      |       |       |       |       |       |       |       |       | .9         | 2.4          |
| NW                     | .3                   | .4   |      |       |       |       |       |       |       |       |       | .8         | 3.6          |
| NNW                    | .5                   | .8   |      |       |       |       |       |       |       |       |       | 1.3        | 3.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 4.7        | ////         |
| TOTALS                 | 9.9                  | 12.8 | 24.2 | 40.2  | 7.4   | .8    |       |       |       |       |       | 100.0      | 9.9          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.4                  | 1.3  | .3   | .1    |       |       |       |       |       |       |       | 3.1        | 4.3          |
| NNE                    | 1.6                  | 1.1  | .6   | .4    |       |       |       |       |       |       |       | 3.8        | 5.2          |
| NE                     | .3                   | .1   | .2   |       |       |       |       |       |       |       |       | .6         | 5.3          |
| ENE                    |                      | .2   |      |       |       |       |       |       |       |       |       | .2         | 4.5          |
| E                      | .1                   | .1   |      |       |       |       |       |       |       |       |       | .2         | 3.5          |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       |       | .2         | 2.0          |
| SE                     | .3                   | .1   |      |       |       |       |       |       |       |       |       | .4         | 2.0          |
| SSE                    | .4                   |      |      |       |       |       |       |       |       |       |       | .4         | 1.5          |
| S                      | .3                   | .6   | .1   |       |       |       |       |       |       |       |       | 1.1        | 4.7          |
| SSW                    | .5                   | 1.5  | 1.1  | .6    | .1    |       |       |       |       |       |       | 3.9        | 7.4          |
| SW                     | 1.1                  | 3.9  | 7.5  | 16.8  | 1.6   |       |       |       |       |       |       | 30.9       | 11.0         |
| WSW                    | 1.1                  | 3.3  | 9.0  | 21.5  | 5.5   | .1    |       |       |       |       |       | 40.5       | 12.1         |
| W                      | 1.5                  | 3.2  | 2.4  | 2.0   | .1    |       |       |       |       |       |       | 9.2        | 7.4          |
| WNW                    | .3                   | .5   |      |       |       |       |       |       |       |       |       | .9         | 3.6          |
| NW                     | .3                   | .1   |      |       |       |       |       |       |       |       |       | .4         | 2.5          |
| NNW                    | .5                   | .5   |      |       |       |       |       |       |       |       |       | 1.1        | 3.1          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 3.0        | ////         |
| TOTALS                 | 10.1                 | 16.7 | 21.3 | 41.5  | 7.3   | .1    |       |       |       |       |       | 100.0      | 4.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | .1                   |     | .2   | .1    |       |       |       |       |       |       |       | .4         | 6.8          |
| NNE                    | .1                   | .1  | .1   | .1    |       |       |       |       |       |       |       | .4         | 7.0          |
| NE                     | .1                   |     | .1   |       |       |       |       |       |       |       |       | .2         | 5.0          |
| ENE                    |                      | .2  |      |       |       |       |       |       |       |       |       | .2         | 5.0          |
| E                      | .1                   | .1  |      |       |       |       |       |       |       |       |       | .2         | 3.5          |
| ESE                    |                      | .1  |      |       |       |       |       |       |       |       |       | .1         | 4.0          |
| SE                     | .2                   | .2  |      |       |       |       |       |       |       |       |       | .4         | 3.0          |
| SSE                    | .1                   | .1  |      |       |       |       |       |       |       |       |       | .2         | 2.5          |
| S                      | .3                   |     | .1   | .1    |       |       |       |       |       |       |       | .5         | 5.4          |
| SSW                    | .3                   | .2  | .2   | .6    |       |       |       |       |       |       |       | 1.4        | 8.6          |
| SW                     | .4                   | 1.6 | 6.0  | 19.0  | 3.3   | .1    |       |       |       |       |       | 30.5       | 12.5         |
| WSW                    | .1                   | 1.8 | 8.8  | 32.3  | 11.1  | .9    |       |       |       |       |       | 54.9       | 13.7         |
| W                      | .4                   | .9  | 2.2  | 4.8   | .8    | .1    |       |       |       |       |       | 9.1        | 11.2         |
| WNW                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| NW                     | .1                   | .2  |      |       |       |       |       |       |       |       |       | .3         | 3.3          |
| NNW                    | .2                   |     | .1   |       |       |       |       |       |       |       |       | .3         | 3.3          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |       | .5         | ////         |
| TOTALS                 | 2.7                  | 5.6 | 17.8 | 57.1  | 15.2  | 1.1   |       |       |       |       |       | 100.0      | 12.7         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(151): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      |                      |     | .1   |       |       |       |       |       |       |       |       | .1         | 10.0         |
| NNE                    | .1                   |     |      |       |       |       |       |       |       |       |       | .1         | 3.0          |
| NE                     | .1                   |     |      |       |       |       |       |       |       |       |       | .1         | 2.0          |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| E                      | .1                   |     |      |       |       |       |       |       |       |       |       | .1         | 2.0          |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| SSE                    |                      | .1  |      |       |       |       |       |       |       |       |       | .1         | 4.0          |
| S                      |                      | .2  | .1   |       |       |       |       |       |       |       |       | .3         | 5.3          |
| SSW                    | .2                   | .2  | 1.0  | .9    |       |       |       |       |       |       |       | 2.3        | 10.0         |
| SW                     |                      | 1.3 | 10.4 | 25.3  | 5.2   | .4    |       |       |       |       |       | 42.6       | 12.8         |
| WSW                    | .3                   | 1.5 | 7.4  | 29.8  | 9.8   | 1.1   |       |       |       |       |       | 49.9       | 13.8         |
| W                      |                      |     | 1.4  | 2.2   | .2    | .1    |       |       |       |       |       | 3.9        | 12.5         |
| WNW                    |                      | .1  |      |       |       |       |       |       |       |       |       | .1         | 5.0          |
| NW                     |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |       | .4         | ////         |
| TOTALS                 | .9                   | 3.4 | 20.4 | 58.1  | 15.2  | 1.6   |       |       |       |       |       | 100.0      | 13.1         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(1ST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .1  |      |       |       |       |       |       |       |       | .2         | 3.5          |
| NNE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| E                      |                      |     |      |       |       |       |       |       |       |       |            |              |
| ESE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| SSE                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| S                      | .1                   |     | .2   |       |       |       |       |       |       |       | .3         | 6.7          |
| SSW                    | .1                   | .8  | 1.5  | 2.3   |       |       |       |       |       |       | 4.6        | 10.2         |
| SW                     | .3                   | 3.7 | 13.4 | 28.8  | 5.8   | .5    |       |       |       |       | 52.6       | 12.4         |
| WSW                    | .1                   | 1.3 | 4.2  | 20.2  | 11.7  | 1.7   |       |       |       |       | 39.2       | 14.8         |
| W                      | .1                   | .2  | .1   | 1.7   | .2    | .1    |       |       |       |       | 2.5        | 12.7         |
| WNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| NW                     |                      |     |      |       |       |       |       |       |       |       |            |              |
| NNW                    |                      |     |      |       |       |       |       |       |       |       |            |              |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |            | .5           |
| TOTALS                 | .9                   | 6.0 | 19.5 | 53.0  | 17.7  | 2.4   |       |       |       |       | 100.0      | 13.2         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |     |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | .5                   | .4  | .2   | .1    |       |       |       |       |       |       |       | 1.2        | 5.0          |
| NNE                    | .3                   | .2  | .1   | .2    |       |       |       |       |       |       |       | .9         | 5.6          |
| NE                     | .1                   | .0  | .0   |       |       |       |       |       |       |       |       | .2         | 4.2          |
| ENE                    | .0                   | .1  |      |       |       |       |       |       |       |       |       | .1         | 4.4          |
| E                      | .0                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 3.2          |
| ESE                    | .1                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 2.6          |
| SE                     | .1                   | .1  |      |       |       |       |       |       |       |       |       | .1         | 2.7          |
| SSE                    | .1                   | .0  |      |       |       |       |       |       |       |       |       | .1         | 2.1          |
| S                      | .1                   | .1  | .1   | .0    |       |       |       |       |       |       |       | .4         | 5.2          |
| SSW                    | .7                   | .7  | .8   | 1.0   | .0    |       |       |       |       |       |       | 2.9        | 8.6          |
| SW                     | .9                   | 3.4 | 10.2 | 20.0  | 3.7   | .3    |       |       |       |       |       | 38.4       | 11.8         |
| WSW                    | .6                   | 2.9 | 8.5  | 25.4  | 9.3   | .9    |       |       |       |       |       | 47.5       | 13.3         |
| W                      | .7                   | 1.0 | 1.5  | 2.3   | .4    | .0    |       |       |       |       |       | 5.9        | 9.7          |
| WNW                    | .2                   | .1  |      |       |       |       |       |       |       |       |       | .3         | 3.0          |
| NW                     | .1                   | .1  |      |       |       |       |       |       |       |       |       | .2         | 3.3          |
| NNW                    | .2                   | .2  | .0   |       |       |       |       |       |       |       |       | .3         | 3.4          |
| VARIABLE               |                      |     |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |     |      |       |       |       |       |       |       |       |       | 1.6        | ////         |
| TOTALS                 | 4.2                  | 9.4 | 21.3 | 48.9  | 13.4  | 1.2   |       |       |       |       |       | 100.0      | 11.8         |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .1                   | .6   | .9   | 1.0   | .2    |       |       |       |       |       | 2.8        | 10.4         |
| NNE                    | .4                   | .3   |      |       |       |       |       |       |       |       | .8         | 3.3          |
| NE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      | .1                   |      |      |       |       |       |       |       |       |       | .1         | 2.0          |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.5          |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .2                   | .1   | .1   |       |       |       |       |       |       |       | .4         | 3.8          |
| S                      | 1.0                  | .7   | .1   | .1    |       |       |       |       |       |       | 1.9        | 3.8          |
| SSW                    | 2.0                  | 2.9  | 1.9  | .8    |       |       |       |       |       |       | 7.6        | 5.9          |
| SW                     | 3.6                  | 8.3  | 14.8 | 16.9  | 2.7   |       |       |       |       |       | 46.2       | 9.8          |
| WSW                    | 1.9                  | 4.3  | 6.1  | 10.4  | 4.9   | .3    |       |       |       |       | 28.0       | 11.5         |
| W                      | .6                   | .8   | .7   | .3    | .1    | .1    |       |       |       |       | 2.6        | 7.5          |
| WNW                    | .9                   | .1   |      |       |       |       |       |       |       |       | 1.0        | 2.4          |
| NW                     | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 3.3          |
| NNW                    | .2                   |      | .1   | .2    |       |       |       |       |       |       | .6         | 7.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 7.6        | ////         |
| TOTALS                 | 11.3                 | 18.3 | 24.7 | 29.8  | 7.9   | .4    |       |       |       |       | 100.0      | 8.9          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .8                   | .6   | .7   | .9    | .1    |       |       |       |       |       | 3.0        | 7.7          |
| NNE                    | .3                   | .3   | .2   |       |       |       |       |       |       |       | .9         | 5.3          |
| NE                     | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 3.0          |
| ENE                    | .4                   | .1   |      |       |       |       |       |       |       |       | .6         | 2.0          |
| E                      |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| ESE                    |                      | .1   |      |       |       |       |       |       |       |       | .1         | 4.0          |
| SE                     | .2                   |      |      | .1    |       |       |       |       |       |       | .3         | 5.3          |
| SSE                    | .2                   | .1   | .1   |       |       |       |       |       |       |       | .4         | 5.0          |
| S                      | 1.0                  | .9   |      |       |       |       |       |       |       |       | 1.9        | 3.5          |
| SSW                    | 1.3                  | 1.7  | .7   | .2    | .1    |       |       |       |       |       | 4.0        | 5.3          |
| SW                     | 4.7                  | 8.2  | 11.1 | 10.1  | 2.0   | .1    |       |       |       |       | 36.2       | 8.9          |
| WSW                    | 2.6                  | 4.6  | 5.9  | 12.8  | 4.0   | .2    |       |       |       |       | 30.0       | 10.9         |
| W                      | 1.8                  | 1.2  | .2   | .3    | .1    |       |       |       |       |       | 3.7        | 5.1          |
| WNW                    | .7                   | .4   |      |       |       |       |       |       |       |       | 1.1        | 2.9          |
| NW                     | .3                   | .3   |      |       |       |       |       |       |       |       | .7         | 3.5          |
| NNW                    | .3                   | .4   | .1   | .2    |       |       |       |       |       |       | 1.1        | 5.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 15.7       | ////         |
| TOTALS                 | 14.8                 | 19.2 | 19.0 | 24.7  | 6.3   | .3    |       |       |       |       | 100.0      | 7.4          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.7                  | 1.9  | 1.0  | .9    | .1    | .1    |       |       |       |       |       | 5.7        | 6.6          |
| NNE                    | .9                   | .4   | .6   | .4    |       |       |       |       |       |       |       | 2.3        | 6.0          |
| NE                     | .1                   | .2   | .1   |       |       |       |       |       |       |       |       | .4         | 5.0          |
| ENE                    | .1                   | .1   |      |       |       |       |       |       |       |       |       | .2         | 3.0          |
| E                      | .2                   |      |      |       |       |       |       |       |       |       |       | .2         | 2.5          |
| ESE                    |                      | .1   |      |       |       |       |       |       |       |       |       | .1         | 4.0          |
| SE                     | .1                   | .1   | .1   |       |       |       |       |       |       |       |       | .3         | 5.3          |
| SSE                    | .2                   |      |      |       |       |       |       |       |       |       |       | .2         | 2.0          |
| S                      | 1.2                  | .2   |      | .2    |       |       |       |       |       |       |       | 1.7        | 3.6          |
| SSW                    | 1.4                  | 1.3  | .6   |       |       |       |       |       |       |       |       | 3.3        | 4.1          |
| SW                     | 6.0                  | 4.8  | 8.4  | 6.7   | 1.8   | .1    |       |       |       |       |       | 27.8       | 8.5          |
| WSW                    | 3.7                  | 4.9  | 8.0  | 13.2  | 2.1   |       |       |       |       |       |       | 31.9       | 10.1         |
| W                      | 1.3                  | 1.2  | .8   | .8    | .3    |       |       |       |       |       |       | 4.4        | 7.0          |
| WNW                    | 1.0                  | .3   |      |       |       |       |       |       |       |       |       | 1.3        | 2.4          |
| NW                     | .3                   | .7   |      |       |       |       |       |       |       |       |       | 1.0        | 3.3          |
| NNW                    | 1.1                  | .4   | .4   | .1    |       |       |       |       |       |       |       | 2.1        | 4.5          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 16.9       | ////         |
| TOTALS                 | 19.4                 | 16.8 | 20.0 | 22.3  | 4.3   | .2    |       |       |       |       |       | 100.0      | 6.8          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.1                  | 5.6  | 5.1  | 5.4   | 1.4   | .1    |       |       |       |       |       | 21.8       | 8.4          |
| NNE                    | 1.7                  | 3.1  | 2.8  | 2.1   |       | .1    |       |       |       |       |       | 9.8        | 7.5          |
| NE                     | .4                   | 1.1  | .2   |       |       |       |       |       |       |       |       | 1.8        | 4.4          |
| ENE                    |                      | .1   | .1   |       |       |       |       |       |       |       |       | .2         | 5.5          |
| E                      | .4                   | .1   | .1   |       |       |       |       |       |       |       |       | .7         | 3.7          |
| ESE                    | .2                   | .1   |      |       |       |       |       |       |       |       |       | .3         | 3.0          |
| SE                     | .4                   |      |      |       |       |       |       |       |       |       |       | .4         | 1.8          |
| SSE                    |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| S                      | .4                   | .1   | .4   |       |       |       |       |       |       |       |       | 1.0        | 5.2          |
| SSW                    | .3                   | .3   | .4   | .2    |       |       |       |       |       |       |       | 1.3        | 6.8          |
| SW                     | 1.2                  | 3.3  | 6.4  | 7.0   | 1.7   | .2    |       |       |       |       |       | 19.9       | 10.3         |
| WSW                    | 1.4                  | 2.3  | 7.0  | 12.9  | 2.9   |       |       |       |       |       |       | 26.6       | 11.5         |
| W                      | 1.3                  | .9   | 1.4  | .7    | .7    |       |       |       |       |       |       | 5.0        | 8.0          |
| WNW                    | .2                   | .4   |      |       |       |       |       |       |       |       |       | .7         | 3.8          |
| NW                     | .7                   | .4   | .2   |       |       |       |       |       |       |       |       | 1.3        | 3.8          |
| NNW                    | 1.0                  | 1.2  | .2   |       |       |       |       |       |       |       |       | 2.4        | 3.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 6.8        | ////         |
| TOTALS                 | 14.0                 | 19.2 | 24.6 | 28.3  | 6.7   | .4    |       |       |       |       |       | 100.0      | 8.5          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.6                  | 4.1  | 3.1  | 3.7   | .4    |       |       |       |       |       | 14.9       | 7.5          |
| NNE                    | 1.7                  | 3.8  | 4.2  | 2.4   | .2    |       |       |       |       |       | 12.3       | 7.8          |
| NE                     | .8                   | 1.9  | .7   | .2    |       |       |       |       |       |       | 3.6        | 5.5          |
| ENE                    | .4                   | .4   |      |       |       |       |       |       |       |       | .9         | 3.6          |
| E                      | .6                   |      | .2   |       |       |       |       |       |       |       | .8         | 3.9          |
| ESE                    | .3                   | .4   |      |       |       |       |       |       |       |       | .8         | 3.7          |
| SE                     |                      | .3   |      | .1    |       |       |       |       |       |       | .4         | 6.8          |
| SSE                    | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 4.0          |
| S                      | .2                   | .4   | .3   | .1    |       |       |       |       |       |       | 1.1        | 6.0          |
| SSW                    | .7                   | .8   | 1.2  | .1    |       |       |       |       |       |       | 2.8        | 6.5          |
| SW                     | .6                   | 2.8  | 5.6  | 9.4   | 2.3   |       |       |       |       |       | 20.7       | 11.1         |
| WSW                    | .4                   | 3.2  | 6.6  | 12.8  | 2.7   |       |       |       |       |       | 25.7       | 11.6         |
| W                      | 1.0                  | 1.4  | 1.8  | 2.2   | .1    |       |       |       |       |       | 6.6        | 8.7          |
| WNW                    | 1.1                  | .2   | .3   |       |       |       |       |       |       |       | 1.7        | 3.7          |
| NW                     | .6                   | .4   | .1   |       |       |       |       |       |       |       | 1.1        | 3.7          |
| NNW                    | 1.1                  | .8   | .2   |       |       |       |       |       |       |       | 2.1        | 3.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 4.3        | ////         |
| TOTALS                 | 13.1                 | 21.3 | 24.3 | 31.1  | 5.8   |       |       |       |       |       | 100.0      | 8.7          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.0                                  | 1.8  | 2.0  | 1.4   | .6    |       |       |       |       |       | 7.8        | 7.5          |
| NNE                    | 2.1                                  | 1.6  | 2.2  | .4    |       |       |       |       |       |       | 6.3        | 5.6          |
| NE                     | 1.0                                  | 1.1  | .8   |       |       |       |       |       |       |       | 2.9        | 4.8          |
| ENE                    | .1                                   | .3   |      |       |       |       |       |       |       |       | .4         | 3.3          |
| E                      | .7                                   |      |      |       |       |       |       |       |       |       | .7         | 2.0          |
| ESE                    | .2                                   | .1   | .1   |       | .1    |       |       |       |       |       | .6         | 7.2          |
| SE                     | .1                                   | .1   | .1   | .1    |       |       |       |       |       |       | .4         | 7.5          |
| SSE                    | .1                                   |      |      |       |       |       |       |       |       |       | .1         | 3.0          |
| S                      | .7                                   | .2   | .3   |       |       |       |       |       |       |       | 1.2        | 4.5          |
| SSW                    | .1                                   | .6   | .2   | .7    | .3    |       |       |       |       |       | 1.9        | 10.0         |
| SW                     | 1.4                                  | 2.2  | 5.8  | 11.8  | 2.0   | .2    |       |       |       |       | 23.4       | 11.3         |
| WSW                    | 1.1                                  | 1.8  | 8.9  | 20.4  | 5.9   | .4    |       |       |       |       | 39.6       | 12.6         |
| W                      | .7                                   | 1.4  | 2.4  | 3.0   | .8    |       |       |       |       |       | 8.3        | 9.9          |
| WNW                    | .6                                   | .1   | .3   |       |       |       |       |       |       |       | 1.0        | 4.9          |
| NW                     | .6                                   | .1   |      |       |       |       |       |       |       |       | .7         | 2.2          |
| NNW                    | .4                                   | .6   |      | .1    |       |       |       |       |       |       | 1.1        | 4.5          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 4.6        | ////         |
| TOTALS                 | 11.9                                 | 12.0 | 23.2 | 38.0  | 9.7   | .7    |       |       |       |       | 100.0      | 9.9          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.1                                  | .7   | .3   | .2    | .1    |       |       |       |       |       |       | 2.4        | 5.4          |
| NNE                    | .4                                   | .4   |      | .1    |       |       |       |       |       |       |       | 1.0        | 4.8          |
| NE                     | .2                                   | .1   |      |       |       |       |       |       |       |       |       | .3         | 3.0          |
| ENE                    | .2                                   |      |      |       |       |       |       |       |       |       |       | .2         | 2.5          |
| E                      | .1                                   |      |      |       |       |       |       |       |       |       |       | .1         | 3.0          |
| ESE                    | .4                                   | .1   | .1   |       |       |       |       |       |       |       |       | .7         | 3.8          |
| SE                     |                                      | .2   | .1   |       |       |       |       |       |       |       |       | .3         | 5.7          |
| SSE                    | .3                                   |      |      |       |       |       |       |       |       |       |       | .3         | 1.7          |
| S                      | .4                                   | .1   | .2   |       |       |       |       |       |       |       |       | .8         | 3.7          |
| SSW                    | .2                                   | .6   | 2.8  | .2    |       |       |       |       |       |       |       | 3.8        | 8.0          |
| SW                     | 1.3                                  | 6.2  | 11.7 | 14.9  | 3.3   | .6    |       |       |       |       |       | 38.0       | 10.8         |
| WSW                    | 2.6                                  | 4.4  | 11.9 | 16.7  | 3.7   | .2    |       |       |       |       |       | 39.4       | 10.8         |
| W                      | .8                                   | 1.8  | 2.1  | 1.0   |       |       |       |       |       |       |       | 5.7        | 7.3          |
| WNW                    | 1.0                                  | .3   |      |       |       |       |       |       |       |       |       | 1.3        | 2.9          |
| NW                     | .1                                   | .3   |      |       |       |       |       |       |       |       |       | .4         | 4.3          |
| NNW                    | .1                                   | .2   | .2   |       |       |       |       |       |       |       |       | .6         | 6.2          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |       | 4.6        | ////         |
| TOTALS                 | 9.4                                  | 15.6 | 29.4 | 33.1  | 7.1   | .8    |       |       |       |       |       | 100.0      | 9.4          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      |                      | .6   | .3   | .7    | .6    |       |       |       |       |       | 2.1        | 11.3         |
| NNE                    | .1                   |      | .1   |       |       |       |       |       |       |       | .2         | 5.5          |
| NE                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 5.0          |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      | .2                   | .1   |      |       |       |       |       |       |       |       | .3         | 3.7          |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      | .1   |      |       |       |       |       |       |       |       | .1         | 6.0          |
| SSE                    | .1                   |      |      |       |       |       |       |       |       |       | .1         | 1.0          |
| S                      | .3                   | 1.6  | .6   |       |       |       |       |       |       |       | 2.4        | 5.0          |
| SSW                    | 2.0                  | 4.4  | 3.6  | .6    |       |       |       |       |       |       | 10.6       | 6.1          |
| SW                     | 2.3                  | 7.6  | 15.8 | 18.1  | 4.1   | .2    |       |       |       |       | 48.1       | 10.5         |
| WSW                    | 1.3                  | 2.9  | 6.9  | 9.3   | 4.1   | .2    |       |       |       |       | 24.8       | 11.5         |
| W                      | .8                   | 1.0  | .6   | .2    |       | .1    |       |       |       |       | 2.7        | 6.0          |
| WNW                    | .8                   | .2   |      |       |       |       |       |       |       |       | 1.0        | 2.7          |
| NW                     | .6                   | .1   |      |       |       |       |       |       |       |       | .7         | 2.3          |
| NNW                    |                      |      | .2   |       |       |       |       |       |       |       | .2         | 6.0          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 6.6        | ////         |
| TOTALS                 | 8.6                  | 18.7 | 28.0 | 28.9  | 8.8   | .6    |       |       |       |       | 100.0      | 9.2          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.7                  | 2.0  | 1.7  | 1.8   | .4    | .0    |       |       |       |       | 7.6        | 7.9          |
| NNE                    | 1.0                  | 1.2  | 1.3  | .7    | .0    | .0    |       |       |       |       | 4.2        | 6.9          |
| NE                     | .3                   | .6   | .2   | .0    |       |       |       |       |       |       | 1.2        | 4.9          |
| ENE                    | .2                   | .1   | .0   |       |       |       |       |       |       |       | .3         | 3.2          |
| E                      | .3                   | .0   | .0   |       |       |       |       |       |       |       | .4         | 3.2          |
| ESE                    | .2                   | .1   | .0   |       | .0    |       |       |       |       |       | .3         | 4.3          |
| SE                     | .1                   | .1   | .0   | .0    |       |       |       |       |       |       | .3         | 5.4          |
| SSE                    | .2                   | .1   | .0   |       |       |       |       |       |       |       | .2         | 3.3          |
| S                      | .7                   | .5   | .2   | .1    |       |       |       |       |       |       | 1.5        | 4.4          |
| SSW                    | 1.0                  | 1.6  | 1.4  | .3    | .1    |       |       |       |       |       | 4.4        | 6.3          |
| SW                     | 2.6                  | 5.4  | 9.9  | 11.9  | 2.5   | .2    |       |       |       |       | 32.5       | 10.1         |
| WSW                    | 1.9                  | 3.6  | 7.7  | 13.6  | 3.8   | .2    |       |       |       |       | 30.6       | 11.3         |
| W                      | 1.0                  | 1.2  | 1.2  | 1.1   | .3    | .0    |       |       |       |       | 4.9        | 7.9          |
| WNW                    | .8                   | .3   | .1   |       |       |       |       |       |       |       | 1.1        | 3.2          |
| NW                     | .4                   | .3   | .0   |       |       |       |       |       |       |       | .8         | 3.4          |
| NNW                    | .5                   | .5   | .2   | .1    |       |       |       |       |       |       | 1.3        | 4.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 8.4        | ////         |
| TOTALS                 | 12.8                 | 17.6 | 24.2 | 29.5  | 7.1   | .4    |       |       |       |       | 100.0      | 8.6          |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.4                  | 1.9  | .5   | .9    | .5    | .5    |       |       |       |       | 5.8        | 8.8          |
| NNE                    | 1.1                  | .5   | .3   | .2    |       |       |       |       |       |       | 2.2        | 4.9          |
| NE                     | .4                   | .3   | .2   |       |       |       |       |       |       |       | 1.0        | 4.0          |
| ENE                    | .1                   | .2   |      |       |       |       |       |       |       |       | .3         | 4.0          |
| E                      | .3                   | .2   |      |       |       |       |       |       |       |       | .5         | 3.4          |
| ESE                    | .1                   | .2   | .3   |       |       |       |       |       |       |       | .6         | 5.5          |
| SE                     | .2                   | .1   | .1   |       |       |       |       |       |       |       | .4         | 5.5          |
| SSE                    | .4                   |      |      |       |       |       |       |       |       |       | .4         | 2.5          |
| S                      | 1.8                  | 1.4  | .1   | .6    |       |       |       |       |       |       | 4.0        | 4.8          |
| SSW                    | 3.0                  | 4.2  | 2.6  | 1.0   |       |       |       |       |       |       | 10.8       | 5.8          |
| SW                     | 3.7                  | 9.4  | 9.2  | 9.5   | 1.5   | .4    |       |       |       |       | 33.7       | 8.7          |
| WSW                    | 3.9                  | 3.5  | 4.2  | 5.8   | 1.3   |       | .1    |       |       |       | 18.8       | 8.9          |
| W                      | 2.9                  | 1.7  | .3   | .1    |       | .1    |       |       |       |       | 5.2        | 4.1          |
| WNW                    | .6                   | .2   |      |       |       |       |       |       |       |       | .9         | 2.6          |
| NW                     | .6                   | .2   |      |       |       |       |       |       |       |       | .9         | 2.8          |
| NNW                    | .2                   | .3   | .3   |       |       |       |       |       |       |       | .9         | 5.1          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |            | 13.8         |
| TOTALS                 | 20.9                 | 24.5 | 18.3 | 18.1  | 3.3   | 1.1   | .1    |       |       |       | 100.0      | 6.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 74-97  
MONTH: OCT HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.4                  | 1.9  | .5   | 1.2   | 1.3   |       |       |       |       |       |       | 7.3        | 8.3          |
| NNE                    | 1.2                  | 1.3  | .4   | .1    |       |       |       |       |       |       |       | 3.0        | 4.5          |
| NE                     | .6                   | .3   | .2   |       |       |       |       |       |       |       |       | 1.2        | 3.9          |
| ENE                    | .2                   | .2   | .4   |       |       |       |       |       |       |       |       | .9         | 5.9          |
| E                      | .3                   | .2   |      |       |       |       |       |       |       |       |       | .5         | 3.2          |
| ESE                    | .3                   |      |      |       |       |       |       |       |       |       |       | .3         | 2.0          |
| SE                     |                      | .2   |      | .1    |       |       |       |       |       |       |       | .3         | 8.0          |
| SSE                    | .8                   | .3   | .2   |       |       |       |       |       |       |       |       | 1.3        | 3.9          |
| S                      | 2.2                  | .8   | .2   |       |       |       |       |       |       |       |       | 3.1        | 3.2          |
| SSW                    | 2.4                  | 2.7  | .8   | .3    |       |       |       |       |       |       |       | 6.1        | 4.7          |
| SW                     | 4.3                  | 7.4  | 7.3  | 5.4   | .9    | .3    |       |       |       |       |       | 25.6       | 7.9          |
| WSW                    | 3.2                  | 4.4  | 3.8  | 6.5   | .5    |       |       |       |       |       |       | 18.4       | 8.6          |
| W                      | 1.9                  | 1.5  | .3   | .1    |       |       |       |       |       |       |       | 3.9        | 3.9          |
| WNW                    | 1.1                  | .1   |      |       |       |       |       |       |       |       |       | 1.2        | 2.5          |
| NW                     | 1.5                  | .4   |      |       |       |       |       |       |       |       |       | 1.9        | 2.7          |
| NNW                    | .8                   | .5   |      | .1    | .1    |       |       |       |       |       |       | 1.5        | 4.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 23.4       | ////         |
| TOTALS                 | 23.1                 | 22.4 | 14.2 | 13.8  | 2.8   | .3    |       |       |       |       |       | 100.0      | 5.2          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.5                  | 3.0  | .8   | 1.6   | .9    | .6    |       |       |       |       | 9.4        | 6.6          |
| NNE                    | 2.9                  | 1.4  | .4   | .1    |       |       |       |       |       |       | 4.8        | 3.4          |
| NE                     | 1.0                  | .2   | .2   |       |       |       |       |       |       |       | 1.4        | 3.7          |
| ENE                    | .4                   | .2   |      |       |       |       |       |       |       |       | .6         | 3.5          |
| E                      | .3                   | .1   |      |       |       |       |       |       |       |       | .4         | 3.0          |
| ESE                    | .2                   |      |      |       |       |       |       |       |       |       | .2         | 1.5          |
| SE                     | .4                   | .4   |      |       |       |       |       |       |       |       | .9         | 3.6          |
| SSE                    | .3                   | .6   | .1   |       |       |       |       |       |       |       | 1.1        | 4.2          |
| S                      | 1.2                  | 1.1  | .1   |       |       |       |       |       |       |       | 2.4        | 3.5          |
| SSW                    | 2.4                  | 1.1  | .9   | .2    |       |       |       |       |       |       | 4.5        | 4.3          |
| SW                     | 5.4                  | 5.2  | 5.4  | 3.8   | .4    | .1    |       |       |       |       | 20.2       | 7.0          |
| WSW                    | 3.8                  | 3.8  | 4.4  | 4.3   | 1.0   | .3    |       |       |       |       | 17.5       | 8.5          |
| W                      | 1.9                  | .9   | .6   | .8    | .1    |       |       |       |       |       | 4.3        | 5.6          |
| WNW                    | 1.2                  |      |      |       |       |       |       |       |       |       | 1.2        | 2.0          |
| NW                     | .9                   | .2   |      |       |       |       |       |       |       |       | 1.1        | 2.5          |
| NNW                    | 1.1                  | .5   |      | .1    |       |       |       |       |       |       | 1.7        | 3.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 29.3       | ////         |
| TOTALS                 | 25.8                 | 18.7 | 12.9 | 10.9  | 2.4   | 1.1   |       |       |       |       | 100.0      | 4.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.4                  | 5.4  | 5.3  | 2.6   | 1.6   | 1.4   | .1    |       |       |       | 20.4       | 8.7          |
| NNE                    | 2.6                  | 5.6  | 4.3  | 1.5   | .3    |       |       |       |       |       | 14.3       | 6.5          |
| NE                     | 1.1                  | 1.6  | 1.2  |       |       |       |       |       |       |       | 3.9        | 5.0          |
| ENE                    | .6                   | .4   |      |       |       |       |       |       |       |       | 1.1        | 3.6          |
| E                      | .4                   | .2   |      |       |       |       |       |       |       |       | .6         | 3.5          |
| ESE                    | .2                   | .3   |      |       |       |       |       |       |       |       | .5         | 3.2          |
| SE                     | .3                   | .2   | .4   |       |       |       |       |       |       |       | 1.0        | 5.2          |
| SSE                    | .4                   | .3   |      |       |       |       |       |       |       |       | .8         | 3.3          |
| S                      | .5                   | 1.3  | .3   |       |       |       |       |       |       |       | 2.2        | 4.6          |
| SSW                    | .3                   | 1.4  | .8   | .6    |       |       |       |       |       |       | 3.1        | 7.2          |
| SW                     | 1.2                  | 2.5  | 5.3  | 4.2   | .6    | .1    |       |       |       |       | 13.9       | 9.4          |
| WSW                    | 1.6                  | 3.3  | 5.4  | 5.2   | 1.6   |       |       |       |       |       | 17.1       | 9.5          |
| W                      | 1.7                  | .9   | 1.1  | 1.0   | .1    |       |       |       |       |       | 4.7        | 6.5          |
| WNW                    | .4                   | .4   |      |       |       |       |       |       |       |       | .9         | 3.1          |
| NW                     | .5                   | .4   | .1   |       |       |       |       |       |       |       | 1.1        | 3.9          |
| NNW                    | 1.5                  | 1.0  | .5   | .1    | .2    |       |       |       |       |       | 3.3        | 5.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 10.9       | ////         |
| TOTALS                 | 18.0                 | 25.3 | 24.6 | 15.2  | 4.5   | 1.5   | .1    |       |       |       | 100.0      | 6.9          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.6                  | 5.7  | 3.0  | 3.0   | 1.6   | .8    |       |       |       |       | 18.7       | 8.2          |
| NNE                    | 4.8                  | 5.2  | 4.0  | 1.6   | .1    |       |       |       |       |       | 15.7       | 5.8          |
| NE                     | 1.8                  | 2.3  | 1.2  | .2    |       |       |       |       |       |       | 5.5        | 4.9          |
| ENE                    | 1.0                  | 1.3  | .2   |       |       |       |       |       |       |       | 2.5        | 3.9          |
| E                      | .9                   | .3   | .1   |       |       |       |       |       |       |       | 1.3        | 3.3          |
| ESE                    | .4                   | .5   |      | .1    |       |       |       |       |       |       | 1.1        | 4.4          |
| SE                     | .4                   |      | .1   | .1    | .1    |       |       |       |       |       | .8         | 7.6          |
| SSE                    | .6                   | .2   | .2   |       |       |       |       |       |       |       | 1.1        | 3.6          |
| S                      | .6                   | .9   | .3   | .1    |       |       |       |       |       |       | 1.9        | 4.8          |
| SSW                    | 1.0                  | 1.4  | .3   | .8    |       |       |       |       |       |       | 3.4        | 6.7          |
| SW                     | 1.4                  | 3.3  | 4.6  | 6.3   | .6    |       |       |       |       |       | 16.3       | 9.4          |
| WSW                    | 1.0                  | 2.8  | 3.2  | 6.0   | .9    |       |       |       |       |       | 13.9       | 10.2         |
| W                      | 1.3                  | 1.5  | 1.6  | .6    | .2    |       |       |       |       |       | 5.3        | 6.8          |
| WNW                    | 1.2                  | .5   | .3   |       | .1    |       |       |       |       |       | 2.2        | 4.3          |
| NW                     | 1.2                  | .2   | .1   |       |       |       |       |       |       |       | 1.5        | 3.1          |
| NNW                    | 1.5                  | 1.2  | .2   | .1    | .1    | .1    |       |       |       |       | 3.2        | 5.4          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 5.7        | ////         |
| TOTALS                 | 23.8                 | 27.3 | 19.6 | 19.0  | 3.8   | .9    |       |       |       |       | 100.0      | 6.9          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |       |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |            |              | GE 56 |
| N                      | 3.2                                  | 2.9  | 3.4  | 2.5   | .8    |       |       |       |       |       |            | 12.9         | 7.6   |
| NNE                    | 2.9                                  | 2.9  | 1.7  | .5    |       |       |       |       |       |       |            | 8.1          | 5.1   |
| NE                     | 2.2                                  | .8   | .2   |       |       |       |       |       |       |       |            | 3.1          | 3.4   |
| ENE                    | 1.1                                  | .4   | .2   |       |       |       |       |       |       |       |            | 1.7          | 3.4   |
| E                      | 1.3                                  | .9   |      |       |       |       |       |       |       |       |            | 2.2          | 3.1   |
| ESE                    | .2                                   | .1   |      |       |       |       |       |       |       |       |            | .3           | 2.3   |
| SE                     | .1                                   |      | .1   | .3    |       |       |       |       |       |       |            | .5           | 11.0  |
| SSE                    | .1                                   | .3   | .2   |       | .1    |       |       |       |       |       |            | .8           | 8.0   |
| S                      | 1.0                                  | 1.1  | .2   | .2    |       |       |       |       |       |       |            | 2.5          | 4.7   |
| SSW                    | .6                                   | 1.8  | 1.5  | .9    |       |       |       |       |       |       |            | 4.8          | 7.1   |
| SW                     | 1.3                                  | 4.6  | 7.4  | 8.1   | .8    |       |       |       |       |       |            | 22.2         | 9.5   |
| WSW                    | .8                                   | 4.2  | 6.2  | 8.8   | 1.5   | .2    |       |       |       |       |            | 21.7         | 11.5  |
| W                      | .5                                   | 1.5  | 2.0  | 1.7   |       |       |       |       |       |       |            | 5.8          | 8.3   |
| WNW                    | .3                                   | .4   |      |       |       |       |       |       |       |       |            | .8           | 3.4   |
| NW                     | .8                                   | .1   | .2   |       |       |       |       |       |       |       |            | 1.1          | 4.2   |
| NNW                    | .4                                   | .4   | .2   |       | .1    |       |       |       |       |       |            | 1.2          | 5.7   |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |       |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |            | 10.5         | ////  |
| TOTALS                 | 16.8                                 | 22.5 | 23.8 | 23.0  | 3.2   | .2    |       |       |       |       |            | 100.0        | 7.2   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.0                  | 1.1  | 1.5  | 1.0   | .4    |       |       |       |       |       | 4.9        | 6.5          |
| NNE                    | .6                   | .5   | .3   |       |       |       |       |       |       |       | 1.5        | 4.4          |
| NE                     | .3                   | .1   | .1   |       |       |       |       |       |       |       | .5         | 3.4          |
| ENE                    | .2                   | .3   |      |       |       |       |       |       |       |       | .5         | 3.2          |
| E                      | .2                   |      |      |       |       |       |       |       |       |       | .2         | 2.5          |
| ESE                    | .4                   | .2   |      |       |       |       |       |       |       |       | .6         | 2.8          |
| SE                     | .4                   |      |      |       |       |       |       |       |       |       | .4         | 2.5          |
| SSE                    | .5                   | .2   |      |       |       |       |       |       |       |       | .8         | 2.6          |
| S                      | 1.2                  | .8   | 1.1  | .2    |       |       |       |       |       |       | 3.2        | 5.5          |
| SSW                    | 1.0                  | 3.1  | 2.0  | .3    |       |       |       |       |       |       | 6.5        | 5.8          |
| SW                     | 1.8                  | 10.9 | 9.4  | 9.2   | 1.5   |       |       |       |       |       | 32.8       | 8.8          |
| WSW                    | 2.3                  | 7.3  | 9.1  | 7.3   | .4    | .2    |       |       |       |       | 26.7       | 8.5          |
| W                      | 2.7                  | 1.9  | 1.5  | .1    |       |       |       |       |       |       | 6.2        | 4.8          |
| WNW                    | 1.1                  | .3   |      |       |       |       |       |       |       |       | 1.4        | 3.0          |
| NW                     | 1.0                  | .8   | .1   |       |       |       |       |       |       |       | 1.8        | 3.5          |
| NNW                    | .3                   | .4   | .3   |       |       |       |       |       |       |       | 1.1        | 4.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 10.8       | ////         |
| TOTALS                 | 15.1                 | 28.0 | 25.5 | 18.2  | 2.4   | .2    |       |       |       |       | 100.0      | 6.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | .6                   | .8   | 1.7  | 1.8   | .4    | .1    |       |       |       |       | 5.5        | 10.2         |
| NNE                    | .8                   | .8   |      |       |       |       |       |       |       |       | 1.5        | 3.7          |
| NE                     | .1                   | .1   |      |       |       |       |       |       |       |       | .2         | 3.5          |
| ENE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| E                      |                      | .1   |      |       |       |       |       |       |       |       | .1         | 5.0          |
| ESE                    |                      |      |      |       |       |       |       |       |       |       |            |              |
| SE                     |                      |      |      |       |       |       |       |       |       |       |            |              |
| SSE                    | .6                   |      |      |       |       |       |       |       |       |       | .6         | 1.8          |
| S                      | 1.6                  | 2.8  | .4   | .2    |       |       |       |       |       |       | 5.1        | 4.7          |
| SSW                    | 3.1                  | 5.1  | 2.8  | 1.3   | .1    |       |       |       |       |       | 12.4       | 6.0          |
| SW                     | 4.3                  | 7.8  | 11.4 | 10.3  | 2.5   |       |       |       |       |       | 36.3       | 9.0          |
| WSW                    | 2.6                  | 3.7  | 4.9  | 4.4   | .8    | .3    |       |       |       |       | 16.7       | 8.8          |
| W                      | 2.2                  | 1.8  | .5   |       | .1    |       |       |       |       |       | 4.6        | 4.0          |
| WNW                    | 1.6                  | .6   |      |       |       |       |       |       |       |       | 2.3        | 2.6          |
| NW                     | 1.1                  | .9   | .1   |       |       |       |       |       |       |       | 2.0        | 3.6          |
| NNW                    | .6                   | .6   | .8   |       |       |       |       |       |       |       | 2.0        | 5.2          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 10.6       | ////         |
| TOTALS                 | 19.2                 | 25.1 | 22.7 | 18.1  | 3.9   | .4    |       |       |       |       | 100.0      | 6.8          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.5                  | 2.8  | 2.1  | 1.8   | .9    | .4    | .0    |       |       |       | 10.6       | 8.5          |
| NNE                    | 2.1                  | 2.3  | 1.4  | .5    | .1    |       |       |       |       |       | 6.4        | 5.5          |
| NE                     | .9                   | .7   | .4   | .0    |       |       |       |       |       |       | 2.1        | 4.4          |
| ENE                    | .5                   | .4   | .1   |       |       |       |       |       |       |       | 1.0        | 3.9          |
| E                      | .5                   | .3   | .0   |       |       |       |       |       |       |       | .7         | 3.2          |
| ESE                    | .2                   | .2   | .0   | .0    |       |       |       |       |       |       | .5         | 3.6          |
| SE                     | .2                   | .1   | .1   | .1    | .0    |       |       |       |       |       | .5         | 6.0          |
| SSE                    | .5                   | .3   | .1   |       | .0    |       |       |       |       |       | .8         | 3.9          |
| S                      | 1.3                  | 1.2  | .3   | .2    |       |       |       |       |       |       | 3.0        | 4.5          |
| SSW                    | 1.7                  | 2.6  | 1.5  | .7    | .0    |       |       |       |       |       | 6.5        | 5.8          |
| SW                     | 2.9                  | 6.4  | 7.5  | 7.1   | 1.1   | .1    |       |       |       |       | 25.1       | 8.7          |
| WSW                    | 2.4                  | 4.1  | 5.2  | 6.0   | 1.0   | .1    | .0    |       |       |       | 18.8       | 9.2          |
| W                      | 1.9                  | 1.5  | 1.0  | .6    | .1    | .0    |       |       |       |       | 5.0        | 5.6          |
| WNW                    | .9                   | .3   | .0   |       | .0    |       |       |       |       |       | 1.3        | 3.0          |
| NW                     | .9                   | .4   | .1   |       |       |       |       |       |       |       | 1.4        | 3.3          |
| NNW                    | .8                   | .6   | .3   | .1    | .1    | .0    |       |       |       |       | 1.9        | 5.1          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 14.2       | ////         |
| TOTALS                 | 20.3                 | 24.2 | 20.2 | 17.0  | 3.3   | .7    | .0    |       |       |       | 100.0      | 6.4          |

TOTAL NUMBER OF OBSERVATIONS: 1440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS (LST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 |            |              |
| N                      | 4.3                  | 2.7  | 1.9  | 2.3   | 1.0   | .3    |       | 12.6       | 7.7          |
| NNE                    | 2.9                  | 2.1  | 1.6  | .7    | .1    |       |       | 7.3        | 5.6          |
| NE                     | 1.6                  | .2   |      |       |       |       |       | 1.8        | 2.6          |
| ENE                    | 1.4                  | .2   |      |       |       |       |       | 1.7        | 2.4          |
| E                      | 1.1                  | .6   |      |       |       |       |       | 1.7        | 3.0          |
| ESE                    | .3                   | .7   |      |       |       |       |       | 1.0        | 3.3          |
| SE                     | 1.6                  | .3   |      | .2    | .2    |       |       | 2.3        | 5.3          |
| SSE                    | .8                   | .6   | .4   | .1    | .1    |       |       | 2.0        | 5.6          |
| S                      | 2.3                  | 1.9  | 1.0  | .2    |       |       |       | 5.4        | 4.4          |
| SSW                    | 2.3                  | 2.6  | 1.6  | .8    |       |       |       | 7.2        | 5.6          |
| SW                     | 4.0                  | 5.7  | 3.1  | 1.0   | .2    |       |       | 14.0       | 5.5          |
| WSW                    | 2.7                  | 2.7  | 1.2  | .9    | .1    |       |       | 7.6        | 5.4          |
| W                      | 1.1                  | .8   | .6   |       |       |       |       | 2.4        | 4.2          |
| WNW                    | 1.4                  | .2   | .1   |       |       |       |       | 1.8        | 2.8          |
| NW                     | 1.4                  | .3   | .1   |       |       |       |       | 1.9        | 3.3          |
| NNW                    | 1.4                  | .4   |      | .1    | .1    |       |       | 2.1        | 4.1          |
| VARIABLE               |                      |      |      |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       | 27.2       | ////         |
| TOTALS                 | 30.8                 | 21.9 | 11.6 | 6.3   | 1.9   | .3    |       | 100.0      | 3.9          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>Σ | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 4.9                                  | 4.0  | 2.8  | 3.6   | .6    | .2    | .1    |       |       |       |       | 16.1       | 7.3          |
| NNE                    | 3.2                                  | 2.1  | .9   | .8    |       |       |       |       |       |       |       | 7.0        | 4.9          |
| NE                     | 2.0                                  | .4   |      |       |       |       |       |       |       |       |       | 2.4        | 2.5          |
| ENE                    | .9                                   | .2   | .2   |       |       |       |       |       |       |       |       | 1.3        | 3.5          |
| E                      | 1.0                                  | .1   | .1   |       |       |       |       |       |       |       |       | 1.2        | 2.9          |
| ESE                    | .6                                   | .2   | .1   |       |       |       |       |       |       |       |       | .9         | 3.1          |
| SE                     | .3                                   | .9   | .3   | .2    | .2    | .1    |       |       |       |       |       | 2.1        | 8.5          |
| SSE                    | 1.2                                  | .9   | .8   | .1    | .2    |       |       |       |       |       |       | 3.2        | 5.7          |
| S                      | 2.6                                  | 2.8  | 1.0  | .2    |       |       |       |       |       |       |       | 6.6        | 4.5          |
| SSW                    | 1.9                                  | 1.7  | 1.2  | .6    |       |       |       |       |       |       |       | 5.3        | 5.5          |
| SW                     | 2.0                                  | 3.9  | 2.0  | .4    | .1    |       |       |       |       |       |       | 8.4        | 5.6          |
| WSW                    | 1.7                                  | 2.2  | 1.3  | .7    | .1    |       |       |       |       |       |       | 6.0        | 6.0          |
| W                      | 1.8                                  | 1.4  | .1   | .1    |       |       |       |       |       |       |       | 3.4        | 3.9          |
| WNW                    | 1.4                                  | .6   | .1   |       |       |       |       |       |       |       |       | 2.1        | 2.7          |
| NW                     | 1.4                                  | .8   | .1   |       |       |       |       |       |       |       |       | 2.3        | 3.0          |
| NNW                    | 2.4                                  | 1.8  | .3   | .1    |       |       |       |       |       |       |       | 4.7        | 3.7          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       |       | 26.8       | ////         |
| TOTALS                 | 29.3                                 | 24.0 | 11.4 | 6.8   | 1.2   | .3    | .1    |       |       |       |       | 100.0      | 3.9          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.6                  | 4.8  | 2.3  | 2.6   | .7    |       |       |       |       |       | 14.9       | 6.5          |
| NNE                    | 3.1                  | 2.9  | 1.4  | .8    | .1    |       |       |       |       |       | 8.3        | 5.4          |
| NE                     | 1.7                  | 1.3  | .2   | .2    |       |       |       |       |       |       | 3.4        | 3.9          |
| ENE                    | .9                   | 1.4  | .2   |       |       |       |       |       |       |       | 2.6        | 3.8          |
| E                      | .8                   | .3   |      |       |       |       |       |       |       |       | 1.1        | 2.8          |
| ESE                    | .6                   | .4   | .1   | .1    |       |       |       |       |       |       | 1.2        | 4.7          |
| SE                     | 1.2                  | .9   | .8   | .8    | .1    |       |       |       |       |       | 3.8        | 7.0          |
| SSE                    | 1.1                  | 1.2  | .4   | .7    | .1    |       |       |       |       |       | 3.6        | 6.2          |
| S                      | 2.3                  | 1.2  | 1.0  | .2    |       |       |       |       |       |       | 4.8        | 4.6          |
| SSW                    | 1.8                  | 1.4  | 1.0  | .2    |       |       |       |       |       |       | 4.4        | 4.9          |
| SW                     | 3.4                  | 2.2  | 2.2  | .3    |       |       |       |       |       |       | 8.2        | 5.1          |
| WSW                    | 1.6                  | 1.8  | 1.8  | .6    |       |       |       |       |       |       | 5.7        | 5.9          |
| W                      | 1.9                  | .6   | .2   | .1    |       |       |       |       |       |       | 2.8        | 3.5          |
| WNW                    | 1.2                  | .2   | .1   |       |       |       |       |       |       |       | 1.6        | 2.8          |
| NW                     | 1.2                  | .1   |      |       |       |       |       |       |       |       | 1.3        | 2.1          |
| NNW                    | 1.3                  | 1.0  | .1   | .3    |       |       |       |       |       |       | 2.8        | 4.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 29.6       | ////         |
| TOTALS                 | 28.7                 | 21.9 | 12.0 | 6.9   | 1.0   |       |       |       |       |       | 100.0      | 3.7          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.0                  | 5.2  | 3.8  | 5.2   | 1.8   | .9    | .1    |       |       |       | 21.0       | 9.2          |
| NNE                    | 4.7                  | 6.1  | 4.7  | 2.8   | .2    |       |       |       |       |       | 18.4       | 6.5          |
| NE                     | 1.1                  | 2.3  | 1.6  | .6    |       |       |       |       |       |       | 5.6        | 5.9          |
| ENE                    | .4                   | .9   | .1   |       |       |       |       |       |       |       | 1.4        | 4.5          |
| E                      | 1.0                  | .3   |      | .1    |       |       |       |       |       |       | 1.4        | 3.7          |
| ESE                    | .2                   | .6   | .2   | .1    |       |       |       |       |       |       | 1.1        | 5.8          |
| SE                     | .6                   | 1.1  | .9   | .8    |       |       |       |       |       |       | 3.3        | 7.4          |
| SSE                    | .4                   | .7   | 1.2  | .4    | .1    |       |       |       |       |       | 2.9        | 7.7          |
| S                      | .8                   | 1.3  | 1.3  | .4    |       |       |       |       |       |       | 3.9        | 6.2          |
| SSW                    | 1.6                  | 1.9  | 1.9  | .9    |       |       |       |       |       |       | 6.2        | 6.5          |
| SW                     | 2.2                  | 1.7  | 2.7  | 1.2   | .2    |       |       |       |       |       | 8.0        | 7.1          |
| WSW                    | 1.0                  | 2.2  | 1.7  | 1.3   |       |       |       |       |       |       | 6.2        | 7.2          |
| W                      | 1.1                  | .4   | 1.2  | .3    |       |       |       |       |       |       | 3.1        | 6.5          |
| WNW                    | .7                   | .1   | .1   |       |       |       |       |       |       |       | .9         | 3.0          |
| NW                     | .8                   |      |      |       |       |       |       |       |       |       | .8         | 1.9          |
| NNW                    | 1.0                  | 1.0  | .3   | .1    |       |       |       |       |       |       | 2.4        | 4.5          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 13.2       | ////         |
| TOTALS                 | 21.6                 | 25.7 | 21.7 | 14.3  | 2.3   | .9    | .1    |       |       |       | 100.0      | 6.1          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.1                  | 4.3  | 3.4  | 4.3   | 2.0   | .3    |       |       |       |       |       | 16.6       | 9.4          |
| NNE                    | 3.2                  | 6.8  | 5.7  | 4.3   | .2    | .1    |       |       |       |       |       | 20.3       | 7.5          |
| NE                     | 2.1                  | 3.9  | 2.6  | 1.2   |       |       |       |       |       |       |       | 9.8        | 6.1          |
| ENE                    | 1.2                  | 1.2  | .3   |       |       |       |       |       |       |       |       | 2.8        | 4.1          |
| E                      | 1.2                  | 1.2  | .1   | .1    |       |       |       |       |       |       |       | 2.7        | 4.0          |
| ESE                    | .7                   | 1.0  | .6   | .2    | .1    |       |       |       |       |       |       | 2.6        | 5.9          |
| SE                     | .6                   | 1.3  | 1.7  | .6    | .2    |       |       |       |       |       |       | 4.3        | 7.8          |
| SSE                    | .9                   | 1.1  | .6   | .1    | .4    |       |       |       |       |       |       | 3.1        | 6.7          |
| S                      | .4                   | 1.4  | 1.1  | .7    | .1    |       |       |       |       |       |       | 3.8        | 7.3          |
| SSW                    | .3                   | 1.2  | 1.7  | 1.0   | .3    |       |       |       |       |       |       | 4.6        | 5.3          |
| SW                     | 1.1                  | 2.9  | 2.3  | 1.7   | .1    |       |       |       |       |       |       | 8.1        | 7.6          |
| WSW                    | .4                   | 2.0  | 2.3  | 1.2   | .2    | .2    |       |       |       |       |       | 6.4        | 6.9          |
| W                      | .6                   | .8   | 1.4  | 1.2   | .2    |       |       |       |       |       |       | 4.2        | 9.3          |
| WNW                    | 1.0                  | .2   |      |       |       |       |       |       |       |       |       | 1.2        | 2.5          |
| NW                     | .4                   | .2   |      |       |       |       |       |       |       |       |       | .7         | 2.3          |
| NNW                    | .9                   | .2   | .4   | .3    |       |       |       |       |       |       |       | 1.9        | 5.5          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 7.0        | ////         |
| TOTALS                 | 17.2                 | 29.9 | 24.2 | 17.0  | 4.0   | .7    |       |       |       |       |       | 100.0      | 7.0          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 1.4                  | 2.7  | 3.1  | 2.6   | 1.0   | .3    |       |       |       |       |       | 11.1       | 9.4          |
| NNF                    | 3.3                  | 3.7  | 3.7  | .4    |       |       |       |       |       |       |       | 11.1       | 5.6          |
| NE                     | 2.4                  | 3.7  | 1.3  |       |       |       |       |       |       |       |       | 7.4        | 4.4          |
| ENE                    | 2.3                  | 2.0  | .6   |       |       |       |       |       |       |       |       | 4.9        | 4.1          |
| E                      | 2.1                  | 2.0  | .7   |       |       |       |       |       |       |       |       | 4.8        | 4.0          |
| ESE                    | 1.1                  | .8   | .3   | .2    |       |       |       |       |       |       |       | 2.4        | 4.6          |
| SE                     | .8                   | 1.8  | .4   | .4    |       |       |       |       |       |       |       | 3.4        | 6.0          |
| SSE                    | 1.1                  | .8   | .4   | .3    | .1    | .2    |       |       |       |       |       | 3.0        | 7.4          |
| S                      | 1.9                  | 2.1  | 1.0  | .8    | .2    |       |       |       |       |       |       | 6.0        | 6.0          |
| SSV                    | 1.7                  | 1.1  | 1.4  | .3    |       |       |       |       |       |       |       | 4.6        | 5.7          |
| SW                     | 1.9                  | 4.1  | 2.3  | 1.1   | .1    |       |       |       |       |       |       | 9.6        | 6.4          |
| WSW                    | 1.0                  | 2.1  | 4.1  | 3.2   | .2    |       |       |       |       |       |       | 10.7       | 8.8          |
| W                      | 1.2                  | 2.0  | 2.2  | .7    | .3    | .1    |       |       |       |       |       | 6.6        | 7.5          |
| WNW                    | .3                   | .2   |      | .1    |       |       |       |       |       |       |       | .7         | 4.5          |
| NW                     | .1                   | .1   |      |       |       |       |       |       |       |       |       | .2         | 4.0          |
| NNW                    | .7                   | .4   | .1   | .1    |       |       |       |       |       |       |       | 1.3        | 4.3          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 12.2       | ////         |
| TOTALS                 | 23.4                 | 29.6 | 21.8 | 10.3  | 2.0   | .7    |       |       |       |       |       | 100.0      | 5.7          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>Σ | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.1                  | 2.8  | 1.4  | 1.4   | .4    | .3    |       |       |       |       | 8.6        | 7.7          |
| NNE                    | .9                   | 1.6  | .9   | .3    |       |       |       |       |       |       | 3.7        | 5.5          |
| NE                     | .9                   | .6   |      | .1    |       |       |       |       |       |       | 1.6        | 3.6          |
| ENE                    | .7                   | .9   |      |       |       |       |       |       |       |       | 1.6        | 3.5          |
| E                      | 1.6                  | .7   | .2   |       |       |       |       |       |       |       | 2.4        | 3.5          |
| ESE                    | 1.1                  | .3   | .1   |       |       |       |       |       |       |       | 1.6        | 3.1          |
| SE                     | 1.7                  | .3   | .4   | .2    |       |       |       |       |       |       | 2.7        | 4.3          |
| SSE                    | .8                   | 1.0  | .7   | .4    |       |       |       |       |       |       | 2.9        | 6.1          |
| S                      | 2.3                  | 2.0  | 1.3  | .8    | .1    |       |       |       |       |       | 6.6        | 5.5          |
| SSW                    | 1.7                  | 2.6  | 1.8  | .1    | .1    |       |       |       |       |       | 6.2        | 5.5          |
| SW                     | 2.1                  | 5.0  | 2.6  | 1.2   | .1    |       |       |       |       |       | 11.0       | 6.2          |
| WSW                    | 1.4                  | 4.6  | 3.0  | 1.2   | .1    |       |       |       |       |       | 10.3       | 6.4          |
| W                      | 2.6                  | 2.2  | 1.3  | .7    | .1    |       |       |       |       |       | 6.9        | 5.6          |
| WNW                    | 1.1                  | 1.6  | .1   |       |       |       |       |       |       |       | 2.8        | 3.8          |
| NW                     | 3.0                  | 1.0  |      |       |       |       |       |       |       |       | 4.0        | 2.8          |
| NNW                    | 1.9                  | .8   | .2   | .1    |       |       |       |       |       |       | 3.0        | 3.5          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 24.3       | ////         |
| TOTALS                 | 25.8                 | 27.8 | 14.1 | 6.7   | 1.0   | .3    |       |       |       |       | 100.0      | 4.1          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 3.3                  | 2.2  | 1.7  | 1.3   | 1.1   | .2    |       |       |       |       |       | 9.9        | 7.6          |
| NNE                    | 1.8                  | 1.4  | .9   | .3    |       |       |       |       |       |       |       | 4.4        | 5.3          |
| NE                     | .4                   | .2   | .4   |       |       |       |       |       |       |       |       | 1.1        | 5.0          |
| ENE                    | .6                   | .3   |      |       |       |       |       |       |       |       |       | .9         | 3.0          |
| E                      | .7                   | .1   | .1   |       |       |       |       |       |       |       |       | .9         | 3.0          |
| ESE                    | .7                   | .9   | .1   |       |       |       |       |       |       |       |       | 1.7        | 3.5          |
| SE                     | .4                   | .7   | .4   | .4    |       |       |       |       |       |       |       | 2.0        | 6.7          |
| SSE                    | .6                   | .7   | .6   | .2    | .1    |       |       |       |       |       |       | 2.1        | 7.2          |
| S                      | 2.8                  | 2.8  | 1.0  |       |       |       |       |       |       |       |       | 6.6        | 4.3          |
| SSW                    | 2.3                  | 3.3  | 1.8  | .1    |       |       |       |       |       |       |       | 7.6        | 5.0          |
| SW                     | 3.6                  | 4.6  | 3.8  | 1.0   | .1    |       |       |       |       |       |       | 13.7       | 5.9          |
| WSW                    | 2.3                  | 2.6  | 2.8  | 1.1   | .2    | .1    |       |       |       |       |       | 9.1        | 6.6          |
| W                      | 3.9                  | 2.0  | 1.0  | .3    |       |       |       |       |       |       |       | 7.2        | 4.3          |
| WNW                    | 1.7                  | .4   |      |       |       |       |       |       |       |       |       | 2.1        | 4.6          |
| NW                     | 2.0                  | .8   |      |       |       |       |       |       |       |       |       | 2.8        | 2.6          |
| NNW                    | 1.9                  | 1.0  | .7   |       |       |       |       |       |       |       |       | 3.6        | 3.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 25.1       | ////         |
| TOTALS                 | 28.9                 | 24.0 | 15.2 | 4.9   | 1.6   | .3    |       |       |       |       |       | 100.0      | 4.1          |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.3                  | 3.6  | 2.6  | 2.9   | 1.1   | .3    | .0    |       |       |       | 13.8       | 8.2          |
| NNE                    | 2.9                  | 3.3  | 2.5  | 1.3   | .1    | .0    |       |       |       |       | 10.1       | 6.2          |
| NE                     | 1.5                  | 1.6  | .8   | .3    |       |       |       |       |       |       | 4.1        | 4.9          |
| ENE                    | 1.1                  | .9   | .2   |       |       |       |       |       |       |       | 2.1        | 3.7          |
| E                      | 1.2                  | .7   | .2   | .0    |       |       |       |       |       |       | 2.0        | 3.6          |
| ESE                    | .7                   | .6   | .2   | .1    | .0    |       |       |       |       |       | 1.6        | 4.4          |
| SE                     | .9                   | .9   | .6   | .5    | .1    | .0    |       |       |       |       | 3.0        | 6.7          |
| SSE                    | .9                   | .9   | .6   | .3    | .2    | .0    |       |       |       |       | 2.8        | 6.6          |
| S                      | 1.9                  | 1.9  | 1.1  | .4    | .1    |       |       |       |       |       | 5.4        | 5.2          |
| SSW                    | 1.7                  | 2.0  | 1.5  | .5    | .1    |       |       |       |       |       | 5.8        | 5.9          |
| SW                     | 2.5                  | 3.7  | 2.6  | 1.0   | .1    |       |       |       |       |       | 10.0       | 6.1          |
| WSW                    | 1.5                  | 2.5  | 2.3  | 1.3   | .1    | .0    |       |       |       |       | 7.7        | 7.0          |
| W                      | 1.8                  | 1.3  | 1.0  | .4    | .1    | .0    |       |       |       |       | 4.6        | 5.8          |
| WNW                    | 1.1                  | .4   | .1   | .0    |       |       |       |       |       |       | 1.6        | 3.0          |
| NW                     | 1.3                  | .4   | .0   |       |       |       |       |       |       |       | 1.7        | 2.7          |
| NNW                    | 1.4                  | .8   | .3   | .2    | .0    |       |       |       |       |       | 2.7        | 4.1          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 20.7       | ////         |
| TOTALS                 | 25.7                 | 25.6 | 16.5 | 9.2   | 1.9   | .4    | .0    |       |       |       | 100.7      | 4.8          |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0000-0200

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.0                  | 5.1  | 1.7  | 2.6   | 1.5   | .4    | .2    | .1    |       |       | 15.6       | 6.4          |
| NNE                    | 3.5                  | 4.2  | 1.3  | .8    |       | .1    |       |       |       |       | 9.9        | 5.1          |
| NE                     | 2.6                  | 1.3  | .3   |       |       |       |       |       |       |       | 4.5        | 3.7          |
| ENE                    | 1.4                  | .6   | .1   |       |       |       |       |       |       |       | 2.2        | 2.9          |
| E                      | 2.2                  | 1.1  | .3   |       |       |       |       |       |       |       | 3.5        | 3.2          |
| ESE                    | 1.6                  | 1.4  | .1   | .1    |       |       |       |       |       |       | 3.2        | 3.7          |
| SE                     | 1.8                  | 1.3  | .4   | .3    | .2    |       |       |       |       |       | 4.1        | 5.1          |
| SSE                    | .8                   | 1.2  | .3   | .3    | .1    |       |       |       |       |       | 2.7        | 5.9          |
| S                      | 1.4                  | .9   | .5   | .1    |       |       |       |       |       |       | 2.9        | 4.3          |
| SSW                    | .6                   | 1.7  | 1.2  | .4    |       |       |       |       |       |       | 4.0        | 6.3          |
| SW                     | 1.0                  | 1.6  | 2.0  | .3    |       |       |       |       |       |       | 4.9        | 6.2          |
| WSW                    | 1.0                  | 1.1  | .9   | .3    |       |       |       |       |       |       | 3.2        | 5.7          |
| W                      | 1.2                  | 1.1  | .3   | .6    | .1    |       |       |       |       |       | 3.3        | 6.1          |
| WNW                    | 1.4                  | .2   |      |       |       |       |       |       |       |       | 1.6        | 2.5          |
| NW                     | 1.3                  | .5   |      |       |       |       |       |       |       |       | 1.8        | 2.5          |
| NNW                    | 2.2                  | 1.2  | .2   | .1    |       |       |       |       |       |       | 3.7        | 3.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 28.8       | ////         |
| TOTALS                 | 27.8                 | 24.4 | 10.1 | 6.0   | 1.9   | .5    | .2    | .1    |       |       | 100.0      | 3.9          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0300-0500

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 3.0                  | 4.5  | 1.8  | 1.4   | 1.6   | .9    |       | .3    |       |       | 13.5       | 9.2          |
| NNE                    | 5.4                  | 3.9  | 2.9  | 1.1   | .4    |       |       |       |       |       | 13.7       | 5.6          |
| NE                     | 2.5                  | 1.1  | .2   |       |       |       |       |       |       |       | 3.8        | 3.2          |
| ENE                    | 2.7                  | 1.1  |      | .1    |       |       |       |       |       |       | 3.9        | 3.2          |
| E                      | 2.5                  | 1.9  | .1   | .1    |       |       |       |       |       |       | 4.6        | 3.6          |
| ESE                    | 1.1                  | .9   | .1   |       |       |       |       |       |       |       | 2.0        | 3.4          |
| SE                     | 1.4                  | .3   | .6   | .5    | .4    | .1    |       |       |       |       | 3.4        | 7.9          |
| SSE                    | 1.1                  | .5   | .5   | .4    | .1    | .1    |       |       |       |       | 2.9        | 7.3          |
| S                      | 1.4                  | .5   | .8   | .1    |       |       |       |       |       |       | 2.8        | 4.6          |
| SSW                    | 1.3                  | .8   | .4   | .1    |       |       |       |       |       |       | 2.6        | 4.1          |
| SW                     | 1.7                  | 2.4  | 1.3  | .3    |       |       |       |       |       |       | 5.7        | 5.3          |
| WSW                    | 1.0                  | .9   | .5   | .1    |       |       |       |       |       |       | 2.5        | 5.1          |
| W                      | 2.2                  | .9   | .1   | .4    | .1    |       |       |       |       |       | 3.7        | 4.5          |
| WNW                    | .9                   |      |      |       |       |       |       |       |       |       | .9         | 2.4          |
| NW                     | .4                   | .1   |      |       |       |       |       |       |       |       | .5         | 2.8          |
| NNW                    | 1.5                  | 1.4  | .4   |       |       |       |       |       |       |       | 3.3        | 3.9          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 30.3       | ////         |
| TOTALS                 | 29.9                 | 21.1 | 9.9  | 4.7   | 2.7   | 1.1   |       | .3    |       |       | 100.0      | 4.0          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(1ST): 0600-0800

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 4.1                  | 3.2  | 1.9  | 1.6   | 1.3   | 1.1   | .1    | .1    |       |       | 13.4       | 9.0          |
| NNE                    | 3.9                  | 5.1  | 2.8  | .5    | .3    |       |       |       |       |       | 12.6       | 5.5          |
| NE                     | 2.7                  | 1.6  | .4   |       |       |       |       |       |       |       | 4.7        | 3.5          |
| ENE                    | 2.5                  | 1.1  | .5   | .1    |       |       |       |       |       |       | 4.2        | 3.7          |
| E                      | 3.2                  | 1.1  | .4   |       | .1    |       |       |       |       |       | 4.8        | 3.5          |
| ESE                    | 1.2                  | 1.1  |      | .3    |       |       |       |       |       |       | 2.6        | 4.7          |
| SE                     | 1.7                  | 1.1  | .8   | 1.0   | .5    | .1    |       |       |       |       | 5.2        | 7.9          |
| SSE                    | .6                   | .6   | .5   | .8    | .3    | .2    |       |       |       |       | 3.1        | 9.7          |
| S                      | .9                   | 1.8  | .3   |       |       |       |       |       |       |       | 3.0        | 4.3          |
| SSW                    | 1.0                  | .5   | .4   | .1    |       |       |       |       |       |       | 2.0        | 4.9          |
| SW                     | .8                   | 1.5  | .5   | .2    |       |       |       |       |       |       | 3.0        | 5.1          |
| WSW                    | 1.0                  | 1.2  | 1.7  | .4    |       |       |       |       |       |       | 4.3        | 6.2          |
| W                      | 1.1                  | .4   | .4   | .1    | .1    | .1    |       |       |       |       | 2.3        | 5.8          |
| WNW                    | .8                   | .4   | .1   |       |       |       |       |       |       |       | 1.3        | 3.5          |
| NW                     | .5                   | .1   |      |       |       |       |       |       |       |       | .6         | 2.5          |
| NNW                    | 1.0                  | .8   | .2   |       |       |       |       |       |       |       | 1.9        | 3.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 30.9       | ////         |
| TOTALS                 | 26.8                 | 21.6 | 11.2 | 5.2   | 2.7   | 1.5   | .1    | .1    |       |       | 100.0      | 4.1          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0900-1100

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.0                  | 3.3  | 1.7  | 1.4   | 2.6   | 2.3   | .2    | .2    |       |       | 13.8       | 12.5         |
| NNE                    | 4.0                  | 7.6  | 3.9  | 1.9   | .1    | .1    |       |       |       |       | 17.6       | 6.1          |
| NE                     | 3.7                  | 3.9  | 1.8  | .2    | .1    |       |       |       |       |       | 9.7        | 4.8          |
| ENE                    | 3.0                  | 1.3  | .3   |       |       |       |       |       |       |       | 4.6        | 3.6          |
| E                      | 2.4                  | 1.9  | .8   |       |       |       |       |       |       |       | 5.1        | 4.1          |
| ESE                    | 1.5                  | .5   | .1   |       |       |       |       |       |       |       | 2.2        | 3.0          |
| SE                     | .8                   | .8   | 1.1  | 1.0   | .9    | .1    |       |       |       |       | 4.5        | 10.5         |
| SSE                    | .9                   | 1.8  | .9   | .8    | .4    |       |       |       |       |       | 4.7        | 7.5          |
| S                      | 1.0                  | 1.7  | 1.1  | .1    | .1    |       | .1    |       |       |       | 4.1        | 6.6          |
| SSW                    | .4                   | 1.1  | .5   | .1    | .1    | .1    | .1    |       |       |       | 2.5        | 4.0          |
| SW                     | .4                   | 1.6  | 1.6  | .2    |       |       |       |       |       |       | 3.9        | 6.3          |
| WSW                    | 1.0                  | 1.3  | 1.1  | .1    |       |       |       |       |       |       | 3.4        | 5.7          |
| W                      | 1.1                  | .8   | .5   | .3    |       |       |       |       |       |       | 2.7        | 5.6          |
| WNW                    | .2                   | .2   |      | .1    |       |       |       |       |       |       | .5         | 4.6          |
| NW                     | .2                   | .3   | .2   |       |       |       |       |       |       |       | .8         | 5.4          |
| NNW                    | .8                   | .4   | .1   | .2    |       |       |       |       |       |       | 1.5        | 4.6          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 18.5       | ////         |
| TOTALS                 | 23.2                 | 28.6 | 15.7 | 6.5   | 4.3   | 2.6   | .4    | .2    |       |       | 100.0      | 5.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1200-1400

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.2                  | 2.4  | 2.3  | 1.9   | 3.1   | 1.9   | .4    |       |       |       |       | 14.2       | 12.6         |
| NNE                    | 3.4                  | 8.2  | 5.6  | 2.8   | .4    | .2    |       |       |       |       |       | 20.6       | 7.0          |
| NE                     | 2.6                  | 7.0  | 2.9  | .4    |       |       |       |       |       |       |       | 12.9       | 5.3          |
| ENE                    | 2.8                  | 2.2  | .5   |       |       |       |       |       |       |       |       | 5.5        | 3.8          |
| E                      | 3.4                  | 1.9  | .4   |       |       |       |       |       |       |       |       | 5.8        | 3.5          |
| ESE                    | 2.0                  | .5   | .4   |       |       |       |       |       |       |       |       | 3.0        | 3.4          |
| SE                     | 1.5                  | .6   | .5   | 1.0   | .6    | .1    |       |       |       |       |       | 4.4        | 9.0          |
| SSE                    | .8                   | .8   | .4   | .5    | .1    |       |       |       |       |       |       | 2.6        | 6.8          |
| S                      | 1.4                  | 1.4  | .8   | .6    | .1    | .1    |       |       |       |       |       | 4.4        | 6.7          |
| SSW                    | .8                   | 1.2  | 1.2  | .6    |       |       |       |       |       |       |       | 3.8        | 7.1          |
| SW                     | .4                   | 1.5  | .9   | .5    | .1    |       | .2    |       |       |       |       | 3.7        | 8.5          |
| WSW                    | .1                   | .5   | 1.8  | .8    | .1    |       | .2    |       |       |       |       | 3.5        | 9.9          |
| W                      | .4                   | .4   | .8   |       | .1    |       |       |       |       |       |       | 1.7        | 6.4          |
| WNW                    | .1                   |      | .2   |       |       |       |       |       |       |       |       | .3         | 6.7          |
| NW                     | .5                   |      | .1   | .1    |       |       |       |       |       |       |       | .8         | 5.0          |
| NNW                    | .4                   | .8   | .2   | .5    |       |       |       |       |       |       |       | 1.9        | 6.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 10.9       | ////         |
| TOTALS                 | 22.9                 | 29.4 | 19.0 | 9.9   | 4.7   | 2.4   | .9    |       |       |       |       | 100.0      | 6.5          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1500-1700

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 1.8                  | 2.7  | 1.6  | 3.1   | 1.6   | .6    | .3    |       |       |       | 11.8       | 10.9         |
| NNE                    | 3.2                  | 4.4  | 3.7  | 1.2   |       | .1    |       |       |       |       | 12.6       | 6.1          |
| NE                     | 3.5                  | 4.3  | 1.0  | .2    |       |       |       |       |       |       | 9.0        | 4.4          |
| ENE                    | 4.2                  | 2.1  | .4   |       |       |       |       |       |       |       | 7.0        | 3.3          |
| E                      | 5.6                  | 4.3  | .8   |       |       |       |       |       |       |       | 10.6       | 3.6          |
| ESE                    | 3.2                  | 1.7  | .2   | .2    |       |       |       |       |       |       | 5.4        | 3.5          |
| SE                     | 2.2                  | 1.4  | .4   | .4    | .3    | .4    |       |       |       |       | 5.2        | 7.0          |
| SSE                    | 1.2                  | 1.0  | .4   | .4    | .1    |       |       |       |       |       | 3.1        | 5.9          |
| S                      | 2.0                  | 1.0  | .5   | .5    | .2    |       |       |       |       |       | 4.3        | 5.9          |
| SSW                    | .4                   | 1.3  | .5   | .3    | .2    |       |       |       |       |       | 2.8        | 7.2          |
| SW                     | .8                   | 1.6  | .9   | .3    | .4    |       |       |       |       |       | 4.0        | 7.3          |
| WSW                    | .3                   | 1.9  | 1.4  | .2    | .2    | .4    | .1    |       |       |       | 4.6        | 2.2          |
| W                      | .5                   | .8   | .5   | .3    | .1    |       |       |       |       |       | 2.3        | 7.0          |
| WNW                    | .3                   |      | .2   |       |       |       |       |       |       |       | .5         | 4.6          |
| NW                     | .2                   |      | .1   |       |       |       |       |       |       |       | .3         | 4.3          |
| NNW                    | .5                   | .1   | .2   | .3    |       |       |       |       |       |       | 1.2        | 6.8          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 15.3       | ////         |
| TOTALS                 | 30.1                 | 28.8 | 12.9 | 7.6   | 3.2   | 1.6   | .4    |       |       |       | 100.0      | 5.2          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1800-2000

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56      |              |
| N                      | 2.4                  | 2.6  | 1.1  | 2.5   | 1.6   | .1    | .2    |       |       |       | 10.4       | 9.6          |
| NNE                    | 2.5                  | 3.3  | 1.5  | .2    |       | .1    |       |       |       |       | 7.6        | 5.1          |
| NE                     | 1.6                  | 1.4  | .2   |       |       |       |       |       |       |       | 3.2        | 3.5          |
| ENE                    | 1.6                  | .4   | .1   |       |       |       |       |       |       |       | 2.2        | 2.9          |
| E                      | 3.2                  | 1.5  | .1   |       |       |       |       |       |       |       | 4.8        | 2.9          |
| ESE                    | 2.3                  | 1.1  | .4   | .1    | .1    |       |       |       |       |       | 4.0        | 4.2          |
| SE                     | 1.9                  | 1.0  | .2   | .6    | .2    |       |       |       |       |       | 4.0        | 5.7          |
| SSE                    | 1.4                  | 1.2  | .2   | .3    |       |       |       |       |       |       | 3.1        | 4.6          |
| S                      | 1.4                  | 2.0  | .4   | .6    | .1    |       |       |       |       |       | 4.6        | 5.5          |
| SSW                    | 1.2                  | 1.4  | .8   | .1    |       |       |       |       |       |       | 3.4        | 4.5          |
| SW                     | 1.8                  | 2.9  | 1.3  | 1.0   |       |       |       |       |       |       | 7.0        | 5.9          |
| WSW                    | 1.5                  | 1.1  | .4   | .6    |       | .1    |       |       |       |       | 3.8        | 6.2          |
| W                      | 2.0                  | 1.3  | .3   | .3    | .1    |       |       |       |       |       | 4.1        | 4.5          |
| WNW                    | 1.8                  | .3   | .1   |       |       |       |       |       |       |       | 2.3        | 2.7          |
| NW                     | 1.4                  | .5   | .2   | .1    |       |       |       |       |       |       | 2.3        | 3.7          |
| NNW                    | 1.0                  | .2   | .3   | .2    | .1    |       |       |       |       |       | 1.8        | 5.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       | 31.4       | ////         |
| TOTALS                 | 29.0                 | 22.3 | 7.7  | 6.8   | 2.3   | .3    | .2    |       |       |       | 100.0      | 3.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(1ST): 2100-2300

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.9                  | 3.8  | 1.6  | 2.9   | 1.6   | .3    | .2    |       |       |       |       | 13.3       | 9.1          |
| NNE                    | 3.2                  | 2.8  | 1.5  | .3    |       |       | .1    |       |       |       |       | 8.0        | 5.1          |
| NE                     | 1.5                  | 1.2  | .3   |       |       |       |       |       |       |       |       | 3.0        | 3.8          |
| ENE                    | 1.6                  | .9   |      |       |       |       |       |       |       |       |       | 2.5        | 3.1          |
| E                      | 3.0                  | 1.7  | .1   |       |       |       |       |       |       |       |       | 4.8        | 3.1          |
| ESE                    | 1.0                  | .3   |      | .3    |       |       |       |       |       |       |       | 1.6        | 5.1          |
| SE                     | 1.4                  | .3   | .4   | .5    |       |       |       |       |       |       |       | 2.7        | 5.7          |
| SSE                    | 1.3                  | 1.2  | .9   | .1    |       |       |       |       |       |       |       | 3.4        | 4.8          |
| S                      | 2.3                  | 1.3  | .3   | .3    | .2    |       |       |       |       |       |       | 4.4        | 4.7          |
| SSW                    | 1.5                  | 1.6  | .9   | .1    |       |       |       |       |       |       |       | 4.1        | 4.6          |
| SW                     | 1.7                  | 3.3  | 1.2  | .2    |       |       |       |       |       |       |       | 6.5        | 5.1          |
| WSW                    | 1.2                  | 1.1  | .6   | 1.2   |       |       |       |       |       |       |       | 4.1        | 7.0          |
| W                      | 1.8                  | 1.1  | .2   | .2    | .1    |       |       |       |       |       |       | 3.4        | 4.2          |
| WNW                    | .9                   |      |      |       |       |       |       |       |       |       |       | .9         | 1.5          |
| NW                     | 1.8                  | .5   |      |       |       |       |       |       |       |       |       | 2.4        | 2.8          |
| NNW                    | 1.0                  | 1.3  | .5   | .1    |       |       |       |       |       |       |       | 2.9        | 4.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 32.0       | ////         |
| TOTALS                 | 28.1                 | 22.4 | 8.6  | 6.3   | 1.9   | .3    | .3    |       |       |       |       | 100.0      | 3.7          |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>Σ | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.8                  | 3.4  | 1.7  | 2.2   | 1.9   | 1.0   | .2    | .1    |       |       |       | 13.3       | 11.1         |
| NNE                    | 3.6                  | 4.9  | 2.9  | 1.1   | .2    | .1    | .0    |       |       |       |       | 12.8       | 5.9          |
| NE                     | 2.6                  | 2.7  | .9   | .1    | .0    |       |       |       |       |       |       | 6.4        | 4.4          |
| ENE                    | 2.5                  | 1.2  | .3   | .0    |       |       |       |       |       |       |       | 4.0        | 3.4          |
| E                      | 3.2                  | 1.9  | .4   | .0    | .0    |       |       |       |       |       |       | 5.5        | 3.5          |
| ESE                    | 1.7                  | .9   | .2   | .1    | .0    |       |       |       |       |       |       | 3.0        | 3.8          |
| SE                     | 1.6                  | .8   | .6   | .7    | .4    | .1    |       |       |       |       |       | 4.2        | 7.5          |
| SSE                    | 1.0                  | 1.0  | .5   | .5    | .1    | .0    |       |       |       |       |       | 3.2        | 6.6          |
| S                      | 1.5                  | 1.3  | .6   | .3    | .1    | .0    | .0    |       |       |       |       | 3.8        | 5.4          |
| SSW                    | .9                   | 1.2  | .7   | .2    | .0    | .0    | .0    |       |       |       |       | 3.1        | 5.8          |
| SW                     | 1.1                  | 2.1  | 1.2  | .4    | .1    |       | .0    |       |       |       |       | 4.8        | 6.1          |
| WSW                    | .9                   | 1.1  | 1.1  | .5    | .0    | .1    | .0    |       |       |       |       | 3.7        | 7.0          |
| W                      | 1.3                  | .8   | .4   | .3    | .1    | .0    |       |       |       |       |       | 2.9        | 5.3          |
| WNW                    | .8                   | .1   | .1   | .0    |       |       |       |       |       |       |       | 1.0        | 3.0          |
| NW                     | .8                   | .3   | .1   | .0    |       |       |       |       |       |       |       | 1.2        | 3.4          |
| NNW                    | 1.0                  | .8   | .3   | .2    | .0    |       |       |       |       |       |       | 2.3        | 4.7          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 24.8       | ////         |
| TOTALS                 | 27.2                 | 24.8 | 11.9 | 6.6   | 3.0   | 1.3   | .3    | .1    |       |       |       | 100.0      | 4.6          |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL HOURS(IST): ALL

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS                  |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56         |              |
| N                      | 1.8                                  | 2.2  | 1.7  | 1.8   | .8    | .3    | .0    | .0    |       |       | 8.6        | 9.0          |
| NNE                    | 1.6                                  | 2.0  | 1.4  | .6    | .1    | .0    | .0    |       |       |       | 5.7        | 6.2          |
| NE                     | 1.0                                  | .9   | .4   | .1    | .0    |       |       |       |       |       | 2.4        | 4.5          |
| ENE                    | .7                                   | .5   | .1   | .0    |       |       |       |       |       |       | 1.3        | 3.9          |
| E                      | 1.0                                  | .6   | .2   | .0    | .0    |       |       |       |       |       | 1.8        | 3.6          |
| ESE                    | .5                                   | .3   | .1   | .1    | .0    | .0    |       |       |       |       | 1.0        | 4.2          |
| SE                     | .5                                   | .4   | .3   | .4    | .2    | .1    | .0    |       |       |       | 1.9        | 8.5          |
| SSE                    | .5                                   | .4   | .3   | .2    | .1    | .0    | .0    |       |       |       | 1.6        | 7.0          |
| S                      | 1.0                                  | 1.0  | .5   | .2    | .0    | .0    | .0    |       |       |       | 2.8        | 5.4          |
| SSW                    | 1.1                                  | 1.6  | 1.2  | .6    | .0    | .0    | .0    |       |       |       | 4.6        | 6.4          |
| SW                     | 1.9                                  | 4.4  | 7.1  | 8.9   | 1.8   | .2    | .0    |       |       |       | 24.2       | 10.1         |
| WSW                    | 1.4                                  | 3.2  | 6.0  | 10.2  | 2.8   | .3    | .0    |       |       |       | 23.8       | 11.2         |
| W                      | 1.3                                  | 1.4  | 1.4  | 1.2   | .2    | .0    |       |       |       |       | 5.4        | 7.6          |
| WNW                    | .7                                   | .3   | .1   | .0    | .0    |       |       |       |       |       | 1.0        | 3.4          |
| NW                     | .6                                   | .3   | .1   | .0    |       |       |       |       |       |       | .9         | 3.3          |
| NNW                    | .8                                   | .5   | .2   | .1    | .0    | .0    |       |       |       |       | 1.6        | 4.6          |
| VARIABLE               |                                      |      |      |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////////////////////// |      |      |       |       |       |       |       |       |       | 11.2       | ////         |
| TOTALS                 | 16.1                                 | 20.0 | 21.0 | 24.5  | 6.0   | 1.0   | .1    | .0    |       |       | 100.0      | 7.8          |

TOTAL NUMBER OF OBSERVATIONS: 87664

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

| DIRECTION<br>(DEGREES) | WIND SPEED IN KNOTS  |      |      |       |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                        | 1-3                  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 |            |              |
| N                      | 2.8                  | 3.6  | 2.0  | .6    | .1    | .0    |       |       |       |       |       | 9.2        | 5.5          |
| NNE                    | 3.7                  | 5.7  | 2.9  | .5    |       |       |       |       |       |       |       | 12.8       | 5.1          |
| NE                     | 3.1                  | 3.7  | 1.0  | .1    |       |       |       |       |       |       |       | 7.9        | 4.2          |
| ENE                    | 2.4                  | 2.5  | .6   | .0    |       |       |       |       |       |       |       | 5.5        | 4.0          |
| E                      | 4.0                  | 3.3  | .8   | .0    |       |       |       |       |       |       |       | 8.1        | 3.8          |
| ESE                    | 2.2                  | 1.7  | .4   | .3    | .0    |       |       |       |       |       |       | 4.5        | 4.3          |
| SE                     | 2.2                  | 1.8  | 1.5  | 1.4   | .6    | .1    | .1    |       |       |       |       | 7.6        | 7.9          |
| SSE                    | 1.6                  | 1.5  | 1.3  | .8    | .3    | .1    | .1    |       |       |       |       | 5.7        | 7.4          |
| S                      | 1.6                  | 1.4  | .7   | .3    | .1    |       |       |       |       |       |       | 4.1        | 5.2          |
| SSW                    | .8                   | .7   | .5   | .3    | .1    |       | .0    |       |       |       |       | 2.5        | 6.1          |
| SW                     | .7                   | 1.0  | .7   | 1.1   | .5    | .0    |       |       |       |       |       | 4.1        | 9.3          |
| WSW                    | .6                   | .5   | .7   | 1.7   | .9    | .3    |       |       |       |       |       | 4.6        | 12.2         |
| W                      | .5                   | .2   | .2   | .2    | .1    |       |       |       |       |       |       | 1.2        | 6.8          |
| WNW                    | .5                   | .0   | .0   |       |       |       |       |       |       |       |       | .6         | 2.4          |
| NW                     | .4                   | .1   |      |       |       |       |       |       |       |       |       | .5         | 2.6          |
| NNW                    | .7                   | .4   | .1   |       |       |       |       |       |       |       |       | 1.2        | 3.4          |
| VARIABLE               |                      |      |      |       |       |       |       |       |       |       |       |            |              |
| CALM                   | //////////////////// |      |      |       |       |       |       |       |       |       |       | 20.1       | ////         |
| TOTALS                 | 27.8                 | 28.0 | 13.6 | 7.2   | 2.6   | .6    | .1    |       |       |       |       | 100.0      | 4.7          |

TOTAL NUMBER OF OBSERVATIONS: 5621

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# CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

## CEILING VERSUS VISIBILITY SUMMARY:

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

### NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

## SKY COVER SUMMARY:

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

|           |   |       |
|-----------|---|-------|
| CLEAR     | - | 0/10  |
| SCATTERED | - | 3/10  |
| BROKEN    | - | 9/10  |
| OVERCAST  | - | 10/10 |
| OBSCURED  | - | 10/10 |

SKY COVER SUMMARY IS UNAVAILABLE FOR METAR REPORTING STATIONS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(IST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 26.9                        | 34.4    | 36.3    | 38.2    | 39.9    | 41.1        | 41.5    | 42.7        | 42.8        | 43.1    | 43.3      | 43.5      | 43.9      | 43.9       | 44.5      | 45.8    |
| GE 20000              | 28.9                        | 37.4    | 39.8    | 41.6    | 43.8    | 44.9        | 45.4    | 46.6        | 46.7        | 47.3    | 47.5      | 47.7      | 48.1      | 48.1       | 48.7      | 50.0    |
| GE 18000              | 29.2                        | 37.7    | 40.1    | 42.2    | 44.1    | 45.3        | 45.7    | 46.9        | 47.0        | 47.6    | 47.8      | 48.1      | 48.4      | 48.4       | 49.0      | 50.3    |
| GE 16000              | 29.2                        | 37.7    | 40.1    | 42.2    | 44.1    | 45.3        | 45.7    | 46.9        | 47.0        | 47.6    | 47.8      | 48.1      | 48.4      | 48.4       | 49.0      | 50.3    |
| GE 14000              | 29.5                        | 38.1    | 40.4    | 42.5    | 44.4    | 45.6        | 46.0    | 47.2        | 47.3        | 48.0    | 48.2      | 48.4      | 48.7      | 48.7       | 49.4      | 50.6    |
| GE 12000              | 29.9                        | 38.6    | 41.6    | 43.7    | 45.7    | 47.1        | 47.5    | 48.7        | 48.8        | 49.5    | 49.7      | 49.9      | 50.2      | 50.2       | 50.9      | 52.3    |
| GE 10000              | 31.4                        | 40.5    | 43.8    | 46.0    | 48.4    | 50.0        | 50.8    | 51.9        | 52.0        | 53.0    | 53.2      | 53.4      | 53.8      | 53.8       | 54.5      | 56.0    |
| GE 9000               | 31.4                        | 40.5    | 43.8    | 46.2    | 48.7    | 50.3        | 51.3    | 52.5        | 52.6        | 53.5    | 53.8      | 54.0      | 54.3      | 54.3       | 55.1      | 56.6    |
| GE 8000               | 32.4                        | 41.6    | 45.4    | 47.8    | 50.8    | 52.4        | 53.5    | 54.7        | 54.8        | 55.8    | 56.0      | 56.2      | 56.6      | 56.6       | 57.3      | 58.8    |
| GE 7000               | 32.5                        | 42.3    | 46.5    | 48.9    | 51.8    | 53.4        | 54.8    | 56.1        | 56.2        | 57.2    | 57.4      | 57.6      | 58.0      | 58.0       | 58.7      | 60.2    |
| GE 6000               | 32.6                        | 42.5    | 46.7    | 49.1    | 52.0    | 53.7        | 55.1    | 56.3        | 56.5        | 57.4    | 57.6      | 57.8      | 58.2      | 58.2       | 58.9      | 60.4    |
| GE 5000               | 33.3                        | 44.1    | 48.3    | 51.0    | 54.3    | 55.9        | 57.4    | 58.7        | 58.8        | 59.8    | 60.0      | 60.2      | 60.5      | 60.5       | 61.3      | 62.8    |
| GE 4500               | 33.3                        | 44.1    | 48.3    | 51.0    | 54.3    | 55.9        | 57.4    | 58.7        | 58.8        | 59.8    | 60.0      | 60.2      | 60.5      | 60.5       | 61.3      | 62.8    |
| GE 4000               | 34.5                        | 46.3    | 51.1    | 53.9    | 57.4    | 59.1        | 60.8    | 62.0        | 62.2        | 63.1    | 63.3      | 63.5      | 63.9      | 63.9       | 64.6      | 66.1    |
| GE 3500               | 35.1                        | 46.9    | 51.6    | 54.4    | 58.0    | 59.7        | 61.3    | 62.6        | 62.7        | 63.7    | 63.9      | 64.1      | 64.4      | 64.4       | 65.2      | 66.7    |
| GE 3000               | 36.3                        | 48.7    | 53.5    | 56.3    | 60.2    | 61.9        | 63.5    | 64.8        | 64.9        | 66.0    | 66.2      | 66.5      | 66.8      | 66.8       | 67.5      | 69.0    |
| GE 2500               | 36.6                        | 49.1    | 54.0    | 56.8    | 60.8    | 62.5        | 64.1    | 65.5        | 65.6        | 66.7    | 66.9      | 67.1      | 67.4      | 67.4       | 68.2      | 69.7    |
| GE 2000               | 36.8                        | 49.7    | 54.7    | 58.0    | 62.2    | 64.0        | 65.7    | 67.3        | 67.4        | 68.5    | 68.7      | 68.9      | 69.2      | 69.2       | 70.0      | 71.5    |
| GE 1800               | 36.9                        | 49.8    | 54.8    | 58.1    | 62.3    | 64.1        | 65.9    | 67.5        | 67.6        | 68.7    | 68.9      | 69.1      | 69.5      | 69.5       | 70.2      | 71.7    |
| GE 1500               | 37.1                        | 50.9    | 56.0    | 59.4    | 64.2    | 66.3        | 68.3    | 70.0        | 70.2        | 71.3    | 71.5      | 71.7      | 72.0      | 72.0       | 72.8      | 74.3    |
| GE 1200               | 37.2                        | 51.3    | 56.5    | 60.1    | 65.4    | 67.6        | 69.8    | 71.7        | 71.9        | 73.1    | 73.3      | 73.5      | 73.9      | 73.9       | 74.6      | 76.1    |
| GE 1000               | 37.3                        | 51.6    | 57.0    | 60.6    | 66.1    | 68.4        | 70.8    | 72.8        | 73.0        | 74.2    | 74.4      | 74.6      | 74.9      | 74.9       | 75.7      | 77.2    |
| GE 900                | 37.3                        | 51.6    | 57.1    | 60.9    | 66.6    | 68.8        | 71.3    | 73.3        | 73.5        | 74.8    | 75.1      | 75.3      | 75.6      | 75.6       | 76.3      | 77.8    |
| GE 800                | 37.3                        | 51.6    | 57.4    | 61.3    | 68.0    | 70.2        | 73.2    | 75.5        | 75.7        | 77.2    | 77.4      | 77.6      | 78.0      | 78.0       | 78.7      | 80.2    |
| GE 700                | 37.3                        | 51.6    | 57.4    | 61.4    | 68.1    | 70.3        | 73.3    | 75.7        | 75.9        | 77.4    | 77.6      | 77.8      | 78.2      | 78.2       | 78.9      | 80.4    |
| GE 600                | 37.4                        | 51.7    | 57.5    | 61.5    | 68.3    | 70.6        | 73.8    | 76.2        | 76.5        | 78.0    | 78.2      | 78.4      | 78.8      | 78.8       | 79.6      | 81.1    |
| GE 500                | 37.4                        | 51.7    | 57.5    | 61.5    | 68.4    | 70.9        | 74.4    | 77.4        | 77.7        | 79.4    | 79.7      | 79.9      | 80.3      | 80.3       | 81.1      | 82.7    |
| GE 400                | 37.4                        | 51.7    | 57.5    | 61.5    | 68.4    | 71.0        | 75.4    | 78.6        | 79.1        | 81.0    | 81.3      | 81.8      | 82.4      | 82.5       | 83.2      | 85.6    |
| GE 300                | 37.4                        | 51.7    | 57.5    | 61.6    | 68.6    | 71.3        | 76.5    | 80.3        | 81.3        | 83.3    | 83.9      | 84.5      | 85.4      | 86.0       | 87.1      | 89.8    |
| GE 200                | 37.4                        | 51.7    | 57.5    | 61.6    | 68.7    | 71.4        | 76.7    | 81.4        | 82.4        | 84.7    | 85.9      | 86.7      | 88.2      | 89.2       | 90.8      | 94.5    |
| GE 100                | 37.4                        | 51.7    | 57.5    | 61.6    | 68.7    | 71.4        | 76.7    | 81.4        | 82.4        | 84.7    | 85.9      | 86.8      | 88.6      | 89.8       | 92.2      | 98.8    |
| GE 01                 | 37.4                        | 51.7    | 57.5    | 61.6    | 68.7    | 71.4        | 76.7    | 81.4        | 82.4        | 84.7    | 85.9      | 86.8      | 88.6      | 89.8       | 92.2      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(IST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 23.7                        | 28.5    | 30.2    | 31.6    | 33.8    | 34.4        | 35.4    | 36.2        | 36.2        | 36.9    | 37.2      | 37.4      | 37.8      | 38.0       | 38.3      | 39.5    |
| GE 20000              | 25.2                        | 30.4    | 32.7    | 34.6    | 36.8    | 37.4        | 38.4    | 39.2        | 39.2        | 39.9    | 40.2      | 40.4      | 40.9      | 41.0       | 41.3      | 42.5    |
| GE 18000              | 25.5                        | 30.9    | 33.1    | 35.1    | 37.2    | 37.8        | 38.8    | 39.7        | 39.7        | 40.5    | 41.0      | 41.2      | 41.6      | 41.7       | 42.0      | 43.2    |
| GE 16000              | 25.5                        | 30.9    | 33.1    | 35.1    | 37.2    | 37.8        | 38.8    | 39.7        | 39.7        | 40.5    | 41.0      | 41.2      | 41.6      | 41.7       | 42.0      | 43.2    |
| GE 14000              | 26.0                        | 31.5    | 33.8    | 35.7    | 37.8    | 38.5        | 39.5    | 40.3        | 40.3        | 41.2    | 41.6      | 41.8      | 42.3      | 42.4       | 42.7      | 43.9    |
| GE 12000              | 26.5                        | 32.6    | 35.2    | 37.1    | 39.2    | 39.9        | 40.9    | 41.7        | 41.7        | 42.6    | 43.0      | 43.2      | 43.7      | 43.8       | 44.1      | 45.3    |
| GE 10000              | 28.4                        | 35.1    | 38.4    | 40.6    | 43.3    | 44.2        | 45.3    | 46.3        | 46.3        | 47.2    | 47.6      | 47.8      | 48.3      | 48.4       | 48.8      | 50.1    |
| GE 9000               | 28.4                        | 35.1    | 38.4    | 40.6    | 43.7    | 44.5        | 45.9    | 47.0        | 47.0        | 47.8    | 48.3      | 48.5      | 48.9      | 49.0       | 49.5      | 50.8    |
| GE 8000               | 30.0                        | 37.0    | 40.3    | 42.6    | 45.7    | 46.6        | 48.1    | 49.4        | 49.4        | 50.2    | 50.6      | 50.9      | 51.3      | 51.4       | 51.8      | 53.1    |
| GE 7000               | 30.1                        | 37.2    | 41.0    | 43.3    | 46.5    | 47.3        | 49.0    | 50.4        | 50.4        | 51.3    | 51.7      | 51.9      | 52.4      | 52.5       | 52.9      | 54.2    |
| GE 6000               | 30.4                        | 37.7    | 41.5    | 43.9    | 47.0    | 47.8        | 49.6    | 51.0        | 51.0        | 51.8    | 52.3      | 52.5      | 52.9      | 53.0       | 53.4      | 54.7    |
| GE 5000               | 31.4                        | 39.2    | 43.1    | 45.5    | 48.6    | 49.5        | 51.2    | 52.6        | 52.6        | 53.4    | 53.9      | 54.1      | 54.5      | 54.6       | 55.1      | 56.3    |
| GE 4500               | 31.4                        | 39.4    | 43.2    | 45.6    | 48.7    | 49.6        | 51.3    | 52.7        | 52.7        | 53.5    | 54.0      | 54.2      | 54.6      | 54.7       | 55.2      | 56.5    |
| GE 4000               | 32.7                        | 41.1    | 45.4    | 48.1    | 51.3    | 52.3        | 54.0    | 55.4        | 55.4        | 56.2    | 56.7      | 56.9      | 57.4      | 57.5       | 58.1      | 59.4    |
| GE 3500               | 32.8                        | 41.2    | 45.5    | 48.2    | 51.6    | 52.6        | 54.3    | 55.9        | 55.9        | 56.8    | 57.2      | 57.4      | 58.0      | 58.1       | 58.6      | 59.9    |
| GE 3000               | 34.2                        | 43.5    | 48.1    | 50.9    | 54.6    | 55.6        | 57.3    | 58.9        | 58.9        | 59.8    | 60.2      | 60.4      | 61.0      | 61.1       | 61.6      | 62.9    |
| GE 2500               | 34.3                        | 44.2    | 49.1    | 51.9    | 55.9    | 56.9        | 58.6    | 60.3        | 60.4        | 61.3    | 61.7      | 61.9      | 62.5      | 62.6       | 63.1      | 64.4    |
| GE 2000               | 34.5                        | 45.2    | 50.5    | 53.4    | 57.4    | 58.6        | 60.4    | 62.2        | 62.3        | 63.1    | 63.5      | 63.8      | 64.4      | 64.5       | 65.1      | 66.3    |
| GE 1800               | 34.5                        | 45.2    | 50.6    | 53.5    | 57.6    | 58.8        | 60.6    | 62.4        | 62.5        | 63.3    | 63.8      | 64.0      | 64.6      | 64.7       | 65.3      | 66.6    |
| GE 1500               | 34.8                        | 46.0    | 51.8    | 54.7    | 59.6    | 60.8        | 62.9    | 64.8        | 65.1        | 65.9    | 66.3      | 66.6      | 67.2      | 67.3       | 67.8      | 69.1    |
| GE 1200               | 34.8                        | 46.6    | 52.4    | 55.7    | 60.9    | 62.0        | 64.5    | 66.7        | 67.0        | 67.8    | 68.3      | 68.5      | 69.1      | 69.2       | 69.9      | 71.2    |
| GE 1000               | 34.9                        | 47.1    | 52.9    | 56.3    | 61.5    | 62.7        | 65.2    | 67.4        | 67.7        | 68.6    | 69.0      | 69.2      | 69.9      | 70.0       | 70.6      | 71.9    |
| GE 900                | 34.9                        | 47.1    | 53.1    | 56.8    | 61.9    | 63.1        | 65.9    | 68.4        | 68.7        | 69.6    | 70.0      | 70.2      | 70.9      | 71.0       | 71.6      | 72.9    |
| GE 800                | 34.9                        | 47.1    | 53.2    | 57.2    | 63.0    | 64.2        | 67.0    | 69.6        | 69.9        | 70.9    | 71.3      | 71.5      | 72.2      | 72.3       | 72.9      | 74.2    |
| GE 700                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 64.3        | 67.1    | 69.7        | 70.0        | 71.0    | 71.4      | 71.6      | 72.3      | 72.4       | 73.0      | 74.3    |
| GE 600                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 64.6        | 67.5    | 70.2        | 70.5        | 71.5    | 71.9      | 72.2      | 72.8      | 72.9       | 73.5      | 74.8    |
| GE 500                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 64.6        | 67.6    | 70.6        | 71.1        | 72.3    | 72.7      | 72.9      | 73.7      | 73.9       | 74.5      | 76.7    |
| GE 400                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 65.2        | 68.8    | 72.5        | 73.1        | 74.7    | 75.2      | 75.5      | 76.3      | 76.8       | 77.7      | 81.2    |
| GE 300                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 65.2        | 69.1    | 73.7        | 74.7        | 77.1    | 77.7      | 78.2      | 79.4      | 80.2       | 81.6      | 85.4    |
| GE 200                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 65.2        | 69.4    | 74.4        | 75.9        | 78.7    | 79.5      | 80.4      | 82.6      | 84.0       | 85.9      | 91.1    |
| GE 100                | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 65.2        | 69.4    | 74.4        | 76.0        | 79.0    | 79.9      | 81.0      | 83.2      | 84.8       | 87.2      | 97.2    |
| GE 0                  | 34.9                        | 47.1    | 53.2    | 57.3    | 63.1    | 65.2        | 69.4    | 74.5        | 76.0        | 79.0    | 79.9      | 81.0      | 83.2      | 84.8       | 87.3      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(IST): 0600-0600

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 20.2                        | 24.3    | 26.0    | 27.0    | 28.1    | 28.5        | 29.0    | 30.0        | 30.2        | 31.4    | 31.7      | 32.2      | 32.8      | 33.0       | 33.0      | 34.4    |
| GE 20000              | 22.0                        | 26.3    | 28.7    | 29.9    | 31.1    | 31.6        | 32.4    | 33.3        | 33.7        | 34.8    | 35.2      | 35.6      | 36.2      | 36.5       | 36.7      | 38.2    |
| GE 18000              | 22.4                        | 26.8    | 29.2    | 30.4    | 31.8    | 32.4        | 33.1    | 34.1        | 34.4        | 35.6    | 36.1      | 36.6      | 37.2      | 37.4       | 37.6      | 39.2    |
| GE 16000              | 22.4                        | 26.8    | 29.2    | 30.4    | 31.8    | 32.4        | 33.1    | 34.1        | 34.4        | 35.6    | 36.1      | 36.6      | 37.2      | 37.4       | 37.6      | 39.2    |
| GE 14000              | 22.5                        | 26.9    | 29.6    | 31.0    | 32.4    | 32.9        | 33.7    | 34.6        | 34.9        | 36.1    | 36.7      | 37.1      | 37.7      | 38.0       | 38.3      | 39.9    |
| GE 12000              | 22.9                        | 27.3    | 30.0    | 31.4    | 32.8    | 33.3        | 34.1    | 35.1        | 35.4        | 36.6    | 37.1      | 37.5      | 38.2      | 38.4       | 38.7      | 40.3    |
| GE 10000              | 24.8                        | 29.9    | 32.8    | 34.4    | 36.0    | 36.6        | 37.5    | 38.5        | 38.8        | 40.3    | 41.1      | 41.6      | 42.4      | 42.6       | 42.9      | 44.7    |
| GE 9000               | 24.8                        | 29.9    | 32.8    | 34.4    | 36.2    | 36.8        | 37.7    | 38.7        | 39.0        | 40.5    | 41.3      | 41.9      | 42.7      | 42.9       | 43.2      | 45.1    |
| GE 8000               | 26.2                        | 31.3    | 34.3    | 36.0    | 38.1    | 38.6        | 39.8    | 40.9        | 41.2        | 42.7    | 43.4      | 44.1      | 44.8      | 45.1       | 45.5      | 47.3    |
| GE 7000               | 26.7                        | 31.7    | 34.8    | 36.8    | 38.9    | 39.5        | 40.8    | 41.8        | 42.3        | 43.9    | 44.6      | 45.3      | 46.0      | 46.2       | 46.7      | 48.5    |
| GE 6000               | 26.8                        | 31.8    | 34.9    | 37.0    | 39.2    | 39.8        | 41.1    | 42.2        | 42.6        | 44.2    | 44.9      | 45.6      | 46.3      | 46.6       | 47.0      | 48.8    |
| GE 5000               | 28.1                        | 33.7    | 36.8    | 38.8    | 41.1    | 41.7        | 43.3    | 44.5        | 44.9        | 46.6    | 47.3      | 48.0      | 48.7      | 48.9       | 49.4      | 51.2    |
| GE 4500               | 28.1                        | 33.7    | 36.8    | 38.8    | 41.1    | 41.7        | 43.3    | 44.5        | 44.9        | 46.6    | 47.3      | 48.0      | 48.7      | 48.9       | 49.4      | 51.2    |
| GE 4000               | 29.9                        | 35.7    | 39.4    | 41.8    | 44.4    | 45.3        | 47.2    | 48.4        | 48.8        | 50.4    | 51.4      | 52.0      | 52.8      | 53.0       | 53.4      | 55.3    |
| GE 3500               | 30.1                        | 36.1    | 40.1    | 42.6    | 45.5    | 46.3        | 48.4    | 49.9        | 50.3        | 51.9    | 52.9      | 53.5      | 54.3      | 54.5       | 54.9      | 56.8    |
| GE 3000               | 31.5                        | 38.1    | 42.3    | 44.8    | 47.7    | 48.6        | 51.1    | 52.7        | 53.1        | 54.9    | 55.9      | 56.6      | 57.3      | 57.5       | 58.0      | 59.8    |
| GE 2500               | 31.6                        | 38.3    | 42.8    | 45.5    | 48.5    | 49.4        | 51.8    | 53.4        | 53.9        | 55.7    | 56.7      | 57.3      | 58.1      | 58.3       | 58.7      | 60.5    |
| GE 2000               | 31.9                        | 39.5    | 44.4    | 47.5    | 51.0    | 51.9        | 54.5    | 56.3        | 56.8        | 58.6    | 59.6      | 60.3      | 61.1      | 61.3       | 61.7      | 63.5    |
| GE 1800               | 32.0                        | 39.9    | 44.8    | 48.0    | 51.5    | 52.6        | 55.2    | 57.0        | 57.4        | 59.2    | 60.2      | 61.0      | 61.7      | 61.9       | 62.4      | 64.2    |
| GE 1500               | 32.2                        | 40.2    | 45.5    | 48.9    | 52.6    | 53.7        | 56.2    | 58.4        | 58.8        | 60.7    | 61.6      | 62.4      | 63.2      | 63.4       | 63.9      | 65.7    |
| GE 1200               | 32.7                        | 41.0    | 46.3    | 50.2    | 54.4    | 55.5        | 58.5    | 60.6        | 61.1        | 62.7    | 63.9      | 64.6      | 65.5      | 65.7       | 66.1      | 68.0    |
| GE 1000               | 33.3                        | 41.9    | 47.4    | 51.6    | 56.7    | 57.7        | 60.8    | 63.0        | 63.5        | 65.4    | 66.3      | 67.1      | 68.0      | 68.2       | 68.6      | 70.4    |
| GE 900                | 33.3                        | 42.0    | 47.5    | 52.0    | 57.1    | 58.3        | 61.4    | 63.7        | 64.3        | 66.1    | 67.1      | 67.8      | 68.7      | 68.9       | 69.4      | 71.2    |
| GE 800                | 33.3                        | 42.2    | 47.6    | 52.2    | 57.3    | 58.6        | 62.0    | 64.3        | 64.9        | 66.8    | 67.7      | 68.5      | 69.4      | 69.6       | 70.0      | 71.8    |
| GE 700                | 33.3                        | 42.2    | 47.6    | 52.2    | 57.5    | 58.8        | 62.3    | 64.6        | 65.3        | 67.1    | 68.1      | 68.8      | 69.7      | 69.9       | 70.3      | 72.2    |
| GE 600                | 33.3                        | 42.2    | 47.7    | 52.3    | 58.0    | 59.2        | 63.0    | 65.7        | 66.3        | 68.3    | 69.2      | 70.0      | 70.9      | 71.1       | 71.5      | 73.4    |
| GE 500                | 33.3                        | 42.3    | 47.8    | 52.4    | 58.1    | 59.4        | 63.4    | 66.2        | 66.9        | 69.0    | 70.2      | 71.0      | 71.9      | 72.2       | 72.7      | 75.1    |
| GE 400                | 33.3                        | 42.3    | 47.8    | 52.5    | 58.2    | 59.8        | 64.3    | 68.0        | 68.9        | 71.7    | 73.1      | 74.1      | 75.2      | 75.6       | 76.3      | 79.7    |
| GE 300                | 33.4                        | 42.5    | 48.1    | 52.7    | 58.4    | 60.0        | 64.8    | 69.1        | 70.5        | 74.3    | 76.0      | 77.6      | 79.1      | 79.8       | 80.9      | 85.3    |
| GE 200                | 33.4                        | 42.5    | 48.1    | 52.7    | 58.4    | 60.0        | 65.1    | 69.7        | 71.2        | 75.5    | 77.7      | 79.7      | 82.4      | 83.7       | 86.1      | 92.6    |
| GE 100                | 33.4                        | 42.5    | 48.1    | 52.7    | 58.4    | 60.0        | 65.1    | 69.8        | 71.3        | 75.6    | 77.8      | 79.8      | 82.6      | 84.3       | 87.1      | 97.8    |
| GE 01                 | 33.4                        | 42.5    | 48.1    | 52.7    | 58.4    | 60.0        | 65.1    | 69.8        | 71.3        | 75.6    | 77.8      | 79.8      | 82.6      | 84.3       | 87.2      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88

MONTH: JAN HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 23.2                        | 26.6    | 28.3    | 29.5    | 30.5    | 31.1        | 31.9    | 32.4        | 32.4        | 32.7    | 32.9      | 32.9      | 33.5      | 33.5       | 33.8      | 34.4    |
| GE 20000              | 25.9                        | 30.0    | 32.4    | 33.5    | 34.7    | 35.4        | 36.5    | 37.0        | 37.1        | 37.4    | 37.6      | 37.6      | 38.4      | 38.4       | 38.7      | 39.5    |
| GE 18000              | 26.3                        | 30.5    | 33.2    | 34.5    | 35.9    | 36.6        | 37.7    | 38.4        | 38.5        | 38.8    | 39.0      | 39.0      | 39.8      | 39.8       | 40.1      | 40.9    |
| GE 16000              | 26.3                        | 30.5    | 33.2    | 34.5    | 35.9    | 36.6        | 37.7    | 38.4        | 38.5        | 38.8    | 39.0      | 39.0      | 39.8      | 39.8       | 40.1      | 40.9    |
| GE 14000              | 27.0                        | 31.2    | 34.0    | 35.3    | 36.8    | 37.4        | 38.6    | 39.2        | 39.4        | 39.7    | 40.1      | 40.2      | 41.0      | 41.0       | 41.3      | 42.0    |
| GE 12000              | 27.8                        | 32.0    | 34.8    | 36.1    | 37.6    | 38.4        | 39.6    | 40.5        | 40.6        | 41.0    | 41.4      | 41.5      | 42.3      | 42.3       | 42.6      | 43.3    |
| GE 10000              | 30.9                        | 35.6    | 38.4    | 39.7    | 41.2    | 41.9        | 43.4    | 44.5        | 44.6        | 45.3    | 45.7      | 45.8      | 46.6      | 46.7       | 47.0      | 47.7    |
| GE 9000               | 30.9                        | 35.6    | 38.5    | 39.9    | 41.4    | 42.2        | 43.7    | 44.7        | 44.8        | 45.5    | 45.9      | 46.0      | 46.8      | 46.9       | 47.2      | 48.0    |
| GE 8000               | 32.0                        | 36.9    | 40.2    | 41.6    | 43.1    | 44.1        | 45.7    | 46.8        | 46.9        | 47.7    | 48.2      | 48.3      | 49.0      | 49.1       | 49.5      | 50.2    |
| GE 7000               | 32.4                        | 37.5    | 41.2    | 42.6    | 44.1    | 45.1        | 46.7    | 48.1        | 48.3        | 49.4    | 49.8      | 49.9      | 50.6      | 50.8       | 51.1      | 51.8    |
| GE 6000               | 32.4                        | 37.5    | 41.4    | 42.9    | 44.4    | 45.5        | 47.5    | 48.9        | 49.1        | 50.2    | 50.6      | 50.8      | 51.5      | 51.6       | 51.9      | 52.7    |
| GE 5000               | 33.1                        | 38.7    | 42.6    | 44.2    | 45.7    | 46.9        | 49.1    | 50.6        | 50.9        | 52.0    | 52.5      | 52.6      | 53.3      | 53.4       | 53.8      | 54.5    |
| GE 4500               | 33.1                        | 38.7    | 42.7    | 44.3    | 45.8    | 47.0        | 49.2    | 50.8        | 51.0        | 52.2    | 52.6      | 52.7      | 53.4      | 53.5       | 53.9      | 54.6    |
| GE 4000               | 34.1                        | 40.0    | 44.2    | 46.0    | 47.8    | 49.1        | 51.7    | 53.2        | 53.5        | 54.9    | 55.5      | 55.6      | 56.3      | 56.5       | 56.8      | 57.5    |
| GE 3500               | 34.9                        | 40.9    | 45.1    | 46.9    | 48.7    | 50.0        | 52.7    | 54.3        | 54.6        | 56.0    | 56.6      | 56.7      | 57.4      | 57.5       | 57.8      | 58.6    |
| GE 3000               | 36.9                        | 43.0    | 47.3    | 49.5    | 51.6    | 53.0        | 55.7    | 57.8        | 58.2        | 59.7    | 60.3      | 60.4      | 61.2      | 61.3       | 61.6      | 62.4    |
| GE 2500               | 36.9                        | 43.2    | 47.6    | 50.1    | 52.4    | 53.8        | 56.5    | 58.6        | 58.9        | 60.4    | 61.1      | 61.2      | 61.9      | 62.0       | 62.4      | 63.1    |
| GE 2000               | 37.1                        | 44.3    | 48.7    | 51.3    | 54.3    | 55.9        | 58.8    | 61.0        | 61.3        | 62.8    | 63.4      | 63.5      | 64.3      | 64.4       | 64.7      | 65.5    |
| GE 1800               | 37.4                        | 44.6    | 49.0    | 51.9    | 54.9    | 56.6        | 59.5    | 61.6        | 61.9        | 63.4    | 64.1      | 64.2      | 64.9      | 65.1       | 65.4      | 66.1    |
| GE 1500               | 37.4                        | 44.8    | 49.5    | 52.6    | 55.8    | 57.5        | 60.5    | 62.8        | 63.1        | 64.8    | 65.5      | 65.6      | 66.3      | 66.5       | 66.8      | 67.5    |
| GE 1200               | 37.5                        | 45.2    | 50.0    | 53.2    | 56.9    | 58.9        | 62.0    | 64.5        | 64.8        | 66.6    | 67.2      | 67.3      | 68.1      | 68.2       | 68.5      | 69.2    |
| GE 1000               | 37.5                        | 45.5    | 50.5    | 53.8    | 57.6    | 59.9        | 63.4    | 66.0        | 66.3        | 68.2    | 68.8      | 68.9      | 69.7      | 69.8       | 70.1      | 71.0    |
| GE 900                | 37.5                        | 45.6    | 50.6    | 53.9    | 57.8    | 60.2        | 63.9    | 66.5        | 66.8        | 68.6    | 69.2      | 69.4      | 70.1      | 70.2       | 70.5      | 71.4    |
| GE 800                | 37.6                        | 45.9    | 51.1    | 54.4    | 58.5    | 60.9        | 64.8    | 67.8        | 68.2        | 70.0    | 70.6      | 70.8      | 71.5      | 71.6       | 71.9      | 72.8    |
| GE 700                | 37.6                        | 46.0    | 51.2    | 54.6    | 58.9    | 61.5        | 65.6    | 68.7        | 69.2        | 71.2    | 71.8      | 71.9      | 72.7      | 72.8       | 73.1      | 74.0    |
| GE 600                | 37.7                        | 46.1    | 51.5    | 55.2    | 59.7    | 62.4        | 66.7    | 70.3        | 70.9        | 73.1    | 73.8      | 73.9      | 74.6      | 74.7       | 75.1      | 75.9    |
| GE 500                | 37.7                        | 46.1    | 51.5    | 55.4    | 60.9    | 63.5        | 68.2    | 72.7        | 73.4        | 76.1    | 77.1      | 77.2      | 78.5      | 78.6       | 79.0      | 79.9    |
| GE 400                | 37.7                        | 46.1    | 51.5    | 55.4    | 60.9    | 63.8        | 68.8    | 74.4        | 75.6        | 79.4    | 80.3      | 80.8      | 82.3      | 82.7       | 83.2      | 84.2    |
| GE 300                | 37.7                        | 46.3    | 51.7    | 55.6    | 61.2    | 64.4        | 69.5    | 75.5        | 77.0        | 82.4    | 85.1      | 85.9      | 88.5      | 89.9       | 91.0      | 92.8    |
| GE 200                | 37.7                        | 46.3    | 51.7    | 55.6    | 61.2    | 64.4        | 69.5    | 75.5        | 77.1        | 82.7    | 85.8      | 87.0      | 90.4      | 92.5       | 93.9      | 97.4    |
| GE 100                | 37.7                        | 46.3    | 51.7    | 55.6    | 61.2    | 64.4        | 69.5    | 75.5        | 77.1        | 82.7    | 85.8      | 87.0      | 90.4      | 92.5       | 94.1      | 99.6    |
| GE 0                  | 37.7                        | 46.3    | 51.7    | 55.6    | 61.2    | 64.4        | 69.5    | 75.5        | 77.1        | 82.7    | 85.8      | 87.0      | 90.4      | 92.5       | 94.1      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS: 1200-1400

| CEILING  |       | VISIBILITY IN STATUTE MILES |      |      |      |       |      |          |          |      |        |        |        |         |        |       |  |  |
|----------|-------|-----------------------------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|--|--|
| IN FEET  | GE 10 | GE 6                        | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |  |  |
| NO CEIL  | 25.9  | 29.9                        | 31.2 | 33.4 | 35.2 | 35.7  | 36.1 | 36.2     | 36.2     | 36.6 | 36.6   | 36.6   | 36.8   | 36.8    | 36.8   | 36.8  |  |  |
| GE 20000 | 27.7  | 33.1                        | 34.7 | 37.4 | 39.4 | 39.9  | 40.4 | 40.8     | 40.8     | 41.1 | 41.1   | 41.1   | 41.4   | 41.4    | 41.4   | 41.4  |  |  |
| GE 18000 | 28.5  | 34.0                        | 35.8 | 38.7 | 40.6 | 41.2  | 41.8 | 42.2     | 42.2     | 42.5 | 42.5   | 42.5   | 42.8   | 42.8    | 42.8   | 42.8  |  |  |
| GE 16000 | 28.5  | 34.0                        | 35.8 | 38.7 | 40.6 | 41.2  | 41.8 | 42.2     | 42.2     | 42.5 | 42.5   | 42.5   | 42.8   | 42.8    | 42.8   | 42.8  |  |  |
| GE 14000 | 29.4  | 35.4                        | 37.2 | 40.1 | 42.2 | 42.7  | 43.3 | 43.8     | 43.8     | 44.3 | 44.3   | 44.3   | 44.6   | 44.6    | 44.6   | 44.6  |  |  |
| GE 12000 | 30.4  | 36.9                        | 39.0 | 42.0 | 44.2 | 44.7  | 45.4 | 45.8     | 45.8     | 46.3 | 46.3   | 46.3   | 46.7   | 46.7    | 46.7   | 46.7  |  |  |
| GE 10000 | 33.1  | 40.1                        | 42.4 | 45.5 | 48.0 | 48.5  | 49.4 | 49.8     | 49.9     | 50.4 | 50.4   | 50.4   | 50.8   | 50.8    | 50.8   | 50.8  |  |  |
| GE 9000  | 33.2  | 40.3                        | 42.6 | 45.7 | 48.2 | 48.7  | 49.6 | 50.1     | 50.2     | 50.8 | 50.8   | 50.8   | 51.1   | 51.1    | 51.1   | 51.1  |  |  |
| GE 8000  | 33.7  | 41.6                        | 44.0 | 47.2 | 49.7 | 50.4  | 51.4 | 51.9     | 52.0     | 52.6 | 52.6   | 52.6   | 52.9   | 52.9    | 52.9   | 52.9  |  |  |
| GE 7000  | 33.7  | 41.9                        | 44.6 | 48.0 | 50.5 | 51.3  | 52.3 | 52.8     | 52.9     | 53.4 | 53.4   | 53.4   | 53.8   | 53.8    | 53.8   | 53.8  |  |  |
| GE 6000  | 33.9  | 42.2                        | 45.2 | 48.5 | 51.1 | 51.8  | 52.8 | 53.3     | 53.4     | 54.0 | 54.0   | 54.0   | 54.3   | 54.3    | 54.3   | 54.3  |  |  |
| GE 5000  | 34.3  | 42.8                        | 46.0 | 49.7 | 52.4 | 53.1  | 54.5 | 55.2     | 55.3     | 55.9 | 55.9   | 55.9   | 56.2   | 56.2    | 56.2   | 56.2  |  |  |
| GE 4500  | 34.3  | 42.9                        | 46.1 | 49.8 | 52.5 | 53.2  | 54.6 | 55.3     | 55.4     | 56.0 | 56.0   | 56.0   | 56.3   | 56.3    | 56.3   | 56.3  |  |  |
| GE 4000  | 35.5  | 44.8                        | 48.2 | 52.2 | 54.9 | 55.7  | 57.3 | 58.0     | 58.1     | 58.8 | 58.8   | 58.8   | 59.1   | 59.1    | 59.1   | 59.1  |  |  |
| GE 3500  | 35.9  | 45.3                        | 48.6 | 52.6 | 55.4 | 56.1  | 57.7 | 58.4     | 58.5     | 59.2 | 59.4   | 59.4   | 59.7   | 59.7    | 59.7   | 59.7  |  |  |
| GE 3000  | 39.1  | 50.2                        | 54.1 | 58.2 | 61.3 | 62.2  | 64.1 | 65.1     | 65.2     | 66.2 | 66.3   | 66.3   | 66.7   | 66.7    | 66.7   | 66.7  |  |  |
| GE 2500  | 39.9  | 52.0                        | 56.0 | 60.3 | 63.7 | 64.5  | 66.5 | 67.4     | 67.5     | 68.6 | 68.7   | 68.7   | 69.0   | 69.0    | 69.0   | 69.0  |  |  |
| GE 2000  | 40.8  | 53.4                        | 58.1 | 62.7 | 66.8 | 67.6  | 69.7 | 70.8     | 70.9     | 72.0 | 72.2   | 72.2   | 72.5   | 72.5    | 72.5   | 72.5  |  |  |
| GE 1800  | 40.9  | 53.7                        | 58.4 | 63.1 | 67.2 | 68.1  | 70.1 | 71.2     | 71.3     | 72.5 | 72.6   | 72.6   | 72.9   | 72.9    | 72.9   | 72.9  |  |  |
| GE 1500  | 41.2  | 54.4                        | 59.5 | 64.3 | 68.5 | 69.6  | 72.0 | 73.1     | 73.2     | 74.5 | 74.6   | 74.6   | 74.9   | 74.9    | 74.9   | 74.9  |  |  |
| GE 1200  | 41.3  | 54.9                        | 60.8 | 65.6 | 70.0 | 71.1  | 73.5 | 74.6     | 74.7     | 76.2 | 76.5   | 76.5   | 76.8   | 76.8    | 76.8   | 76.8  |  |  |
| GE 1000  | 41.3  | 55.4                        | 61.4 | 66.7 | 71.4 | 72.8  | 76.0 | 77.2     | 77.4     | 79.5 | 79.8   | 79.8   | 80.1   | 80.1    | 80.1   | 80.1  |  |  |
| GE 900   | 41.3  | 55.9                        | 61.9 | 67.2 | 72.0 | 73.5  | 76.9 | 78.1     | 78.3     | 80.3 | 80.6   | 80.6   | 81.0   | 81.0    | 81.0   | 81.0  |  |  |
| GE 800   | 41.3  | 56.2                        | 62.4 | 67.6 | 72.7 | 74.3  | 78.0 | 79.6     | 80.0     | 82.4 | 82.8   | 82.8   | 83.1   | 83.1    | 83.1   | 83.1  |  |  |
| GE 700   | 41.3  | 56.3                        | 62.7 | 68.2 | 73.8 | 75.7  | 79.6 | 81.4     | 82.0     | 84.4 | 84.8   | 84.8   | 85.2   | 85.2    | 85.2   | 85.2  |  |  |
| GE 600   | 41.3  | 56.5                        | 63.0 | 68.8 | 74.6 | 77.0  | 81.3 | 83.4     | 84.3     | 86.8 | 87.2   | 87.2   | 87.5   | 87.5    | 87.5   | 87.5  |  |  |
| GE 500   | 41.3  | 56.5                        | 63.0 | 69.0 | 75.2 | 77.6  | 82.3 | 85.2     | 86.6     | 89.2 | 89.8   | 89.8   | 90.1   | 90.1    | 90.1   | 90.1  |  |  |
| GE 400   | 41.3  | 56.5                        | 63.1 | 69.2 | 75.6 | 78.4  | 83.9 | 87.8     | 89.6     | 92.7 | 93.4   | 93.4   | 93.9   | 93.9    | 94.1   | 94.1  |  |  |
| GE 300   | 41.3  | 56.5                        | 63.1 | 69.4 | 75.8 | 78.7  | 84.5 | 89.2     | 91.4     | 95.2 | 96.8   | 96.9   | 97.8   | 98.0    | 98.2   | 98.5  |  |  |
| GE 200   | 41.3  | 56.5                        | 63.1 | 69.4 | 75.8 | 78.7  | 84.5 | 89.2     | 91.4     | 95.5 | 97.2   | 97.3   | 98.7   | 99.0    | 99.4   | 99.7  |  |  |
| GE 100   | 41.3  | 56.5                        | 63.1 | 69.4 | 75.8 | 78.7  | 84.5 | 89.2     | 91.4     | 95.5 | 97.2   | 97.4   | 98.8   | 99.1    | 99.6   | 100.0 |  |  |
| GE 0     | 41.3  | 56.5                        | 63.1 | 69.4 | 75.8 | 78.7  | 84.5 | 89.2     | 91.4     | 95.5 | 97.2   | 97.4   | 98.8   | 99.1    | 99.6   | 100.0 |  |  |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 28.0                        | 32.8    | 35.1    | 37.4    | 38.9    | 39.7        | 39.7    | 40.3        | 40.4        | 40.4    | 40.4      | 40.4      | 40.4      | 40.4       | 40.4      |
| GE 20000              | 31.1                        | 36.9    | 40.4    | 43.0    | 44.6    | 45.4        | 45.5    | 46.2        | 46.3        | 46.3    | 46.3      | 46.3      | 46.3      | 46.3       | 46.3      |
| GE 18000              | 31.7                        | 37.5    | 41.1    | 43.7    | 45.3    | 46.0        | 46.1    | 46.9        | 47.0        | 47.0    | 47.0      | 47.0      | 47.0      | 47.0       | 47.0      |
| GE 16000              | 31.7                        | 37.5    | 41.1    | 43.7    | 45.3    | 46.0        | 46.1    | 46.9        | 47.0        | 47.0    | 47.0      | 47.0      | 47.0      | 47.0       | 47.0      |
| GE 14000              | 32.6                        | 38.7    | 42.4    | 44.9    | 46.6    | 47.3        | 47.5    | 48.4        | 48.5        | 48.5    | 48.5      | 48.5      | 48.5      | 48.5       | 48.5      |
| GE 12000              | 34.0                        | 40.1    | 44.0    | 46.6    | 48.4    | 49.1        | 49.5    | 50.3        | 50.4        | 50.4    | 50.4      | 50.4      | 50.4      | 50.4       | 50.4      |
| GE 10000              | 35.4                        | 41.9    | 46.1    | 49.2    | 51.3    | 52.0        | 52.7    | 53.7        | 53.8        | 54.0    | 54.0      | 54.0      | 54.0      | 54.0       | 54.0      |
| GE 9000               | 35.4                        | 41.9    | 46.1    | 49.2    | 51.4    | 52.2        | 52.8    | 53.8        | 53.9        | 54.1    | 54.1      | 54.1      | 54.1      | 54.1       | 54.1      |
| GE 8000               | 37.1                        | 44.0    | 48.2    | 51.9    | 54.2    | 55.1        | 55.7    | 56.7        | 56.8        | 57.0    | 57.0      | 57.0      | 57.0      | 57.0       | 57.0      |
| GE 7000               | 37.4                        | 44.6    | 48.8    | 52.9    | 55.2    | 56.0        | 56.8    | 57.7        | 57.8        | 58.1    | 58.1      | 58.1      | 58.1      | 58.1       | 58.1      |
| GE 6000               | 37.4                        | 44.6    | 49.0    | 53.1    | 55.4    | 56.2        | 57.0    | 58.1        | 58.2        | 58.4    | 58.4      | 58.4      | 58.4      | 58.4       | 58.4      |
| GE 5000               | 38.7                        | 46.7    | 51.5    | 55.9    | 58.2    | 59.0        | 60.0    | 61.2        | 61.3        | 61.8    | 61.8      | 61.8      | 61.8      | 61.8       | 61.8      |
| GE 4500               | 38.8                        | 47.0    | 51.8    | 56.2    | 58.5    | 59.4        | 60.3    | 61.6        | 61.7        | 62.3    | 62.3      | 62.3      | 62.3      | 62.3       | 62.3      |
| GE 4000               | 40.6                        | 49.7    | 54.8    | 59.4    | 61.8    | 62.7        | 64.1    | 65.6        | 65.7        | 66.2    | 66.2      | 66.2      | 66.2      | 66.2       | 66.2      |
| GE 3500               | 41.1                        | 50.4    | 55.7    | 60.3    | 62.8    | 63.7        | 65.1    | 66.6        | 66.7        | 67.2    | 67.2      | 67.2      | 67.2      | 67.2       | 67.2      |
| GE 3000               | 43.4                        | 54.4    | 60.0    | 65.1    | 67.6    | 68.6        | 70.0    | 71.5        | 71.6        | 72.2    | 72.3      | 72.3      | 72.3      | 72.3       | 72.3      |
| GE 2500               | 44.4                        | 56.0    | 61.6    | 66.7    | 69.8    | 70.9        | 72.4    | 74.3        | 74.4        | 74.9    | 75.1      | 75.1      | 75.1      | 75.1       | 75.1      |
| GE 2000               | 45.1                        | 58.0    | 63.8    | 69.1    | 72.7    | 73.9        | 75.5    | 77.5        | 77.6        | 78.2    | 78.3      | 78.3      | 78.3      | 78.3       | 78.3      |
| GE 1800               | 45.2                        | 58.6    | 64.5    | 70.1    | 73.7    | 74.8        | 76.6    | 78.7        | 78.8        | 79.4    | 79.5      | 79.5      | 79.5      | 79.5       | 79.5      |
| GE 1500               | 45.4                        | 58.8    | 64.8    | 70.5    | 74.2    | 75.5        | 77.2    | 79.5        | 79.6        | 80.2    | 80.3      | 80.3      | 80.3      | 80.3       | 80.3      |
| GE 1200               | 45.4                        | 59.0    | 65.4    | 71.3    | 75.3    | 76.6        | 78.4    | 80.6        | 80.8        | 81.4    | 81.5      | 81.5      | 81.5      | 81.5       | 81.5      |
| GE 1000               | 45.4                        | 59.7    | 66.5    | 72.9    | 77.1    | 78.4        | 82.0    | 84.3        | 84.5        | 85.2    | 85.3      | 85.3      | 85.3      | 85.3       | 85.3      |
| GE 900                | 45.5                        | 60.1    | 67.2    | 73.7    | 78.6    | 79.9        | 83.5    | 85.9        | 86.1        | 86.8    | 86.9      | 86.9      | 86.9      | 86.9       | 86.9      |
| GE 800                | 45.5                        | 60.5    | 68.1    | 74.5    | 79.6    | 81.0        | 85.1    | 87.8        | 88.1        | 88.7    | 88.8      | 88.8      | 88.8      | 88.8       | 88.8      |
| GE 700                | 45.5                        | 60.6    | 68.2    | 74.6    | 79.8    | 81.4        | 85.5    | 88.6        | 89.0        | 89.7    | 89.8      | 89.8      | 89.8      | 89.8       | 89.8      |
| GE 600                | 45.5                        | 60.6    | 68.2    | 75.2    | 80.6    | 82.3        | 86.8    | 90.4        | 91.0        | 91.7    | 91.8      | 91.8      | 91.8      | 91.8       | 91.8      |
| GE 500                | 45.5                        | 60.6    | 68.2    | 75.4    | 81.9    | 83.7        | 88.6    | 92.9        | 93.4        | 94.4    | 94.5      | 94.5      | 94.5      | 94.5       | 94.5      |
| GE 400                | 45.5                        | 60.6    | 68.2    | 75.4    | 82.2    | 84.3        | 90.5    | 95.8        | 96.6        | 98.1    | 98.2      | 98.2      | 98.4      | 98.4       | 98.6      |
| GE 300                | 45.5                        | 60.6    | 68.2    | 75.4    | 82.2    | 84.3        | 90.5    | 96.2        | 97.0        | 98.8    | 99.0      | 99.0      | 99.4      | 99.5       | 99.8      |
| GE 200                | 45.5                        | 60.6    | 68.2    | 75.4    | 82.2    | 84.3        | 90.5    | 96.2        | 97.0        | 99.0    | 99.2      | 99.2      | 99.6      | 99.7       | 100.0     |
| GE 100                | 45.5                        | 60.6    | 68.2    | 75.4    | 82.2    | 84.3        | 90.5    | 96.2        | 97.0        | 99.0    | 99.2      | 99.2      | 99.6      | 99.7       | 100.0     |
| GE 0                  | 45.5                        | 60.6    | 68.2    | 75.4    | 82.2    | 84.3        | 90.5    | 96.2        | 97.0        | 99.0    | 99.2      | 99.2      | 99.6      | 99.7       | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS(LST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 29.6                        | 37.2     | 39.6    | 40.4    | 42.2    | 42.5    | 42.6        | 43.1    | 43.1        | 43.1        | 43.2    | 43.2      | 43.2      | 43.2      | 43.2       | 43.4      |
| GE 20000              | 32.6                        | 41.3     | 44.2    | 45.8    | 47.6    | 48.3    | 48.5        | 49.0    | 49.0        | 49.0        | 49.1    | 49.1      | 49.1      | 49.1      | 49.1       | 49.4      |
| GE 18000              | 32.8                        | 41.5     | 44.4    | 46.0    | 48.0    | 48.6    | 48.8        | 49.4    | 49.4        | 49.4        | 49.5    | 49.5      | 49.5      | 49.5      | 49.5       | 49.7      |
| GE 16000              | 32.8                        | 41.5     | 44.4    | 46.0    | 48.0    | 48.6    | 48.8        | 49.4    | 49.4        | 49.4        | 49.5    | 49.5      | 49.5      | 49.5      | 49.5       | 49.7      |
| GE 14000              | 33.8                        | 42.8     | 45.7    | 47.5    | 49.5    | 50.1    | 50.4        | 51.1    | 51.1        | 51.1        | 51.2    | 51.2      | 51.2      | 51.2      | 51.2       | 51.4      |
| GE 12000              | 33.9                        | 42.9     | 45.8    | 47.7    | 50.3    | 51.0    | 51.4        | 52.0    | 52.0        | 52.0        | 52.2    | 52.2      | 52.2      | 52.2      | 52.2       | 52.4      |
| GE 10000              | 35.5                        | 45.2     | 48.2    | 50.3    | 53.2    | 53.9    | 54.6        | 55.4    | 55.4        | 55.7        | 55.8    | 55.8      | 55.8      | 55.8      | 55.8       | 56.0      |
| GE 9000               | 35.5                        | 45.2     | 48.2    | 50.5    | 53.5    | 54.2    | 54.9        | 55.8    | 55.8        | 56.1        | 56.2    | 56.2      | 56.2      | 56.2      | 56.2       | 56.5      |
| GE 8000               | 37.5                        | 47.7     | 50.9    | 53.7    | 56.7    | 57.4    | 58.2        | 59.0    | 59.0        | 59.4        | 59.5    | 59.5      | 59.5      | 59.5      | 59.5       | 59.7      |
| GE 7000               | 38.3                        | 49.4     | 52.5    | 55.3    | 58.3    | 59.0    | 60.1        | 61.0    | 61.0        | 61.3        | 61.4    | 61.4      | 61.4      | 61.4      | 61.4       | 61.6      |
| GE 6000               | 38.5                        | 49.6     | 52.7    | 55.5    | 58.5    | 59.2    | 60.3        | 61.2    | 61.2        | 61.5        | 61.6    | 61.6      | 61.6      | 61.6      | 61.6       | 61.8      |
| GE 5000               | 40.3                        | 51.8     | 55.4    | 58.6    | 61.8    | 62.9    | 64.0        | 65.1    | 65.1        | 65.5        | 65.6    | 65.6      | 65.6      | 65.6      | 65.6       | 65.8      |
| GE 4500               | 40.4                        | 51.9     | 55.7    | 59.0    | 62.3    | 63.3    | 64.5        | 65.6    | 65.6        | 66.0        | 66.1    | 66.1      | 66.1      | 66.1      | 66.1       | 66.3      |
| GE 4000               | 41.9                        | 54.8     | 58.8    | 62.2    | 65.6    | 66.7    | 68.0        | 69.1    | 69.1        | 69.6        | 69.7    | 69.7      | 69.7      | 69.7      | 69.7       | 69.9      |
| GE 3500               | 42.3                        | 55.2     | 59.1    | 62.7    | 66.1    | 67.2    | 68.5        | 69.7    | 69.9        | 70.3        | 70.4    | 70.4      | 70.4      | 70.4      | 70.4       | 70.6      |
| GE 3000               | 43.4                        | 57.5     | 61.6    | 65.2    | 69.0    | 70.2    | 71.5        | 72.7    | 72.9        | 73.3        | 73.4    | 73.4      | 73.4      | 73.4      | 73.4       | 73.7      |
| GE 2500               | 43.8                        | 58.6     | 62.9    | 66.8    | 70.8    | 71.9    | 73.2        | 74.4    | 74.6        | 75.1        | 75.2    | 75.2      | 75.2      | 75.2      | 75.2       | 75.4      |
| GE 2000               | 44.0                        | 59.5     | 64.1    | 68.2    | 72.4    | 73.7    | 75.1        | 76.2    | 76.5        | 76.9        | 77.0    | 77.0      | 77.0      | 77.0      | 77.0       | 77.2      |
| GE 1800               | 44.0                        | 59.7     | 64.3    | 68.4    | 72.7    | 74.0    | 75.4        | 76.6    | 76.8        | 77.2        | 77.3    | 77.3      | 77.3      | 77.3      | 77.3       | 77.5      |
| GE 1500               | 44.4                        | 60.2     | 64.9    | 69.1    | 73.4    | 74.7    | 76.2        | 77.5    | 77.7        | 78.2        | 78.3    | 78.3      | 78.3      | 78.3      | 78.3       | 78.5      |
| GE 1200               | 44.4                        | 60.3     | 65.3    | 69.6    | 73.9    | 75.2    | 77.2        | 78.5    | 78.7        | 79.1        | 79.2    | 79.2      | 79.2      | 79.2      | 79.2       | 79.5      |
| GE 1000               | 44.4                        | 60.4     | 65.8    | 70.5    | 75.4    | 76.9    | 79.8        | 81.2    | 81.4        | 81.8        | 81.9    | 81.9      | 81.9      | 81.9      | 81.9       | 82.2      |
| GE 900                | 44.4                        | 60.6     | 66.1    | 71.0    | 76.0    | 77.5    | 80.9        | 82.3    | 82.5        | 82.9        | 83.0    | 83.0      | 83.0      | 83.0      | 83.0       | 83.2      |
| GE 800                | 44.4                        | 60.8     | 66.7    | 71.5    | 77.5    | 79.2    | 82.8        | 84.3    | 84.5        | 84.9        | 85.1    | 85.1      | 85.1      | 85.1      | 85.1       | 85.3      |
| GE 700                | 44.4                        | 60.9     | 66.8    | 71.6    | 77.6    | 79.4    | 83.1        | 84.9    | 85.5        | 86.0        | 86.1    | 86.1      | 86.1      | 86.1      | 86.1       | 86.3      |
| GE 600                | 44.4                        | 60.9     | 67.0    | 72.0    | 78.5    | 80.2    | 84.2        | 86.2    | 86.8        | 87.3        | 87.4    | 87.4      | 87.4      | 87.4      | 87.4       | 87.6      |
| GE 500                | 44.4                        | 60.9     | 67.0    | 72.0    | 79.0    | 81.1    | 85.4        | 87.4    | 88.1        | 88.8        | 88.9    | 88.9      | 89.0      | 89.0      | 89.1       | 89.4      |
| GE 400                | 44.4                        | 60.9     | 67.0    | 72.0    | 79.5    | 81.7    | 86.7        | 89.6    | 90.3        | 91.3        | 91.5    | 91.5      | 91.6      | 91.7      | 91.8       | 92.0      |
| GE 300                | 44.4                        | 60.9     | 67.0    | 72.0    | 79.7    | 82.2    | 87.6        | 91.3    | 92.2        | 93.5        | 94.0    | 94.0      | 94.2      | 94.2      | 94.5       | 95.1      |
| GE 200                | 44.5                        | 61.0     | 67.1    | 72.2    | 79.8    | 82.3    | 88.0        | 92.4    | 93.2        | 94.8        | 95.5    | 95.5      | 95.7      | 96.6      | 96.6       | 97.2      |
| GE 100                | 44.5                        | 61.0     | 67.1    | 72.2    | 79.8    | 82.3    | 88.0        | 92.4    | 93.2        | 94.8        | 95.5    | 95.5      | 95.7      | 96.6      | 96.7       | 97.5      |
| GE 0                  | 44.5                        | 61.0     | 67.1    | 72.2    | 79.8    | 82.3    | 88.0        | 92.4    | 93.2        | 94.8        | 95.5    | 95.5      | 95.7      | 96.6      | 96.7       | 97.5      |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS (LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 29.8                        | 38.1    | 40.4    | 42.2    | 43.7    | 44.8        | 45.5    | 46.0        | 46.0        | 46.3    | 46.5      | 46.5      | 46.6      | 46.7       | 46.9      | 47.0    |
| GE 20000              | 32.7                        | 41.7    | 44.1    | 45.8    | 48.0    | 49.4        | 50.0    | 50.5        | 50.5        | 51.0    | 51.1      | 51.1      | 51.2      | 51.3       | 51.5      | 51.6    |
| GE 18000              | 33.0                        | 42.3    | 44.6    | 46.3    | 48.5    | 49.9        | 50.5    | 51.1        | 51.1        | 51.5    | 51.6      | 51.6      | 51.7      | 51.8       | 52.0      | 52.2    |
| GE 16000              | 33.0                        | 42.3    | 44.6    | 46.3    | 48.5    | 49.9        | 50.5    | 51.1        | 51.1        | 51.5    | 51.6      | 51.6      | 51.7      | 51.8       | 52.0      | 52.2    |
| GE 14000              | 33.4                        | 42.7    | 45.1    | 46.9    | 49.0    | 50.4        | 51.1    | 51.6        | 51.6        | 52.0    | 52.2      | 52.2      | 52.3      | 52.4       | 52.6      | 52.7    |
| GE 12000              | 33.9                        | 43.1    | 45.5    | 47.5    | 50.1    | 51.5        | 52.2    | 52.7        | 52.7        | 53.1    | 53.2      | 53.2      | 53.3      | 53.4       | 53.7      | 53.8    |
| GE 10000              | 35.3                        | 45.1    | 47.8    | 49.9    | 52.8    | 54.2        | 55.4    | 55.9        | 55.9        | 56.7    | 56.8      | 56.8      | 56.9      | 57.0       | 57.3      | 57.4    |
| GE 9000               | 35.3                        | 45.1    | 48.2    | 50.2    | 53.1    | 54.5        | 55.7    | 56.3        | 56.3        | 57.1    | 57.2      | 57.2      | 57.3      | 57.4       | 57.7      | 57.8    |
| GE 8000               | 37.3                        | 47.3    | 51.1    | 53.5    | 56.6    | 58.0        | 59.1    | 59.8        | 59.8        | 60.5    | 60.6      | 60.6      | 60.8      | 60.9       | 61.2      | 61.3    |
| GE 7000               | 37.7                        | 48.6    | 52.5    | 54.9    | 58.0    | 59.5        | 60.9    | 61.5        | 61.5        | 62.3    | 62.4      | 62.4      | 62.5      | 62.6       | 62.9      | 63.0    |
| GE 6000               | 37.8                        | 48.8    | 52.7    | 55.2    | 58.2    | 59.7        | 61.1    | 61.7        | 61.7        | 62.5    | 62.6      | 62.6      | 62.7      | 62.8       | 63.1      | 63.2    |
| GE 5000               | 38.9                        | 50.0    | 54.3    | 57.4    | 60.8    | 62.3        | 63.7    | 64.3        | 64.3        | 65.3    | 65.4      | 65.4      | 65.5      | 65.6       | 65.9      | 66.0    |
| GE 4500               | 39.1                        | 50.2    | 54.5    | 57.6    | 61.0    | 62.5        | 63.9    | 64.5        | 64.5        | 65.5    | 65.6      | 65.6      | 65.7      | 65.8       | 66.1      | 66.2    |
| GE 4000               | 40.5                        | 52.5    | 57.1    | 60.3    | 64.0    | 65.5        | 66.9    | 67.5        | 67.5        | 68.5    | 68.6      | 68.6      | 68.7      | 68.8       | 69.1      | 69.2    |
| GE 3500               | 40.6                        | 52.9    | 57.7    | 61.1    | 64.7    | 66.2        | 67.6    | 68.3        | 68.3        | 69.4    | 69.5      | 69.5      | 69.6      | 69.7       | 70.0      | 70.1    |
| GE 3000               | 41.5                        | 54.6    | 59.7    | 63.2    | 67.0    | 68.6        | 70.0    | 70.8        | 70.8        | 72.0    | 72.2      | 72.2      | 72.3      | 72.4       | 72.7      | 72.8    |
| GE 2500               | 41.5                        | 54.7    | 60.2    | 63.9    | 67.7    | 69.4        | 70.8    | 71.6        | 71.6        | 72.9    | 73.0      | 73.0      | 73.1      | 73.2       | 73.5      | 73.7    |
| GE 2000               | 41.8                        | 55.8    | 61.3    | 65.2    | 69.5    | 71.1        | 72.6    | 74.0        | 74.0        | 75.3    | 75.4      | 75.4      | 75.5      | 75.6       | 75.9      | 76.0    |
| GE 1800               | 41.9                        | 56.2    | 61.7    | 65.6    | 69.9    | 71.5        | 73.0    | 74.4        | 74.4        | 75.7    | 75.8      | 75.8      | 75.9      | 76.0       | 76.3      | 76.5    |
| GE 1500               | 42.2                        | 56.8    | 62.4    | 66.5    | 70.8    | 72.4        | 73.9    | 75.3        | 75.3        | 76.6    | 76.7      | 76.7      | 76.8      | 76.9       | 77.2      | 77.3    |
| GE 1200               | 42.5                        | 57.5    | 63.1    | 67.5    | 72.0    | 73.8        | 75.5    | 76.9        | 76.9        | 78.2    | 78.3      | 78.3      | 78.4      | 78.5       | 78.8      | 78.9    |
| GE 1000               | 42.5                        | 57.6    | 63.3    | 67.7    | 72.6    | 74.4        | 76.2    | 77.6        | 77.6        | 78.9    | 79.0      | 79.0      | 79.1      | 79.2       | 79.6      | 79.7    |
| GE 900                | 42.5                        | 57.7    | 63.4    | 67.8    | 72.8    | 74.6        | 76.9    | 78.6        | 78.6        | 79.9    | 80.0      | 80.0      | 80.1      | 80.2       | 80.5      | 80.6    |
| GE 800                | 42.5                        | 57.7    | 63.9    | 68.3    | 73.8    | 75.6        | 78.6    | 81.1        | 81.1        | 82.4    | 82.5      | 82.5      | 82.6      | 82.7       | 83.0      | 83.1    |
| GE 700                | 42.5                        | 57.7    | 64.0    | 68.5    | 74.0    | 76.1        | 79.4    | 81.9        | 81.9        | 83.2    | 83.3      | 83.3      | 83.4      | 83.5       | 83.9      | 84.0    |
| GE 600                | 42.5                        | 57.7    | 64.0    | 68.7    | 74.4    | 76.9        | 80.2    | 82.9        | 82.9        | 84.2    | 84.3      | 84.3      | 84.5      | 84.6       | 84.9      | 85.1    |
| GE 500                | 42.5                        | 57.8    | 64.2    | 68.9    | 74.7    | 77.4        | 81.4    | 84.1        | 84.3        | 85.6    | 85.7      | 85.7      | 86.0      | 86.1       | 86.6      | 86.8    |
| GE 400                | 42.5                        | 57.8    | 64.2    | 68.9    | 74.9    | 77.6        | 82.5    | 85.8        | 86.3        | 87.7    | 87.8      | 88.0      | 88.3      | 88.4       | 88.8      | 89.4    |
| GE 300                | 42.5                        | 57.8    | 64.2    | 68.9    | 75.1    | 78.0        | 83.3    | 87.3        | 87.8        | 89.5    | 90.0      | 90.1      | 90.6      | 90.8       | 91.3      | 92.2    |
| GE 200                | 42.5                        | 57.8    | 64.2    | 68.9    | 75.1    | 78.0        | 83.3    | 87.7        | 88.5        | 90.8    | 91.7      | 92.5      | 93.3      | 93.9       | 94.5      | 95.6    |
| GE 100                | 42.5                        | 57.8    | 64.2    | 68.9    | 75.1    | 78.0        | 83.3    | 87.7        | 88.5        | 90.8    | 91.7      | 92.5      | 93.5      | 94.3       | 95.1      | 98.9    |
| GE 0                  | 42.5                        | 57.8    | 64.2    | 68.9    | 75.1    | 78.0        | 83.3    | 87.7        | 88.5        | 90.8    | 91.7      | 92.5      | 93.5      | 94.3       | 95.1      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN HOURS (LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 25.9                        | 31.5    | 33.4    | 35.0    | 36.5    | 37.2        | 37.7    | 38.4        | 38.4        | 38.8    | 39.0      | 39.1      | 39.4      | 39.4       | 39.6      | 40.2    |
| GE 20000              | 28.3                        | 34.7    | 37.1    | 39.0    | 40.7    | 41.5        | 42.1    | 42.8        | 42.9        | 43.4    | 43.5      | 43.6      | 44.0      | 44.0       | 44.2      | 44.9    |
| GE 18000              | 28.7                        | 35.1    | 37.7    | 39.6    | 41.4    | 42.2        | 42.8    | 43.6        | 43.6        | 44.1    | 44.3      | 44.4      | 44.7      | 44.8       | 45.0      | 45.7    |
| GE 16000              | 28.7                        | 35.1    | 37.7    | 39.6    | 41.4    | 42.2        | 42.8    | 43.6        | 43.6        | 44.1    | 44.3      | 44.4      | 44.7      | 44.8       | 45.0      | 45.7    |
| GE 14000              | 29.3                        | 35.9    | 38.5    | 40.5    | 42.3    | 43.1        | 43.8    | 44.5        | 44.6        | 45.1    | 45.3      | 45.5      | 45.8      | 45.8       | 46.1      | 46.7    |
| GE 12000              | 29.9                        | 36.7    | 39.5    | 41.5    | 43.5    | 44.4        | 45.1    | 45.9        | 45.9        | 46.4    | 46.7      | 46.8      | 47.1      | 47.2       | 47.4      | 48.1    |
| GE 10000              | 31.8                        | 39.2    | 42.2    | 44.5    | 46.8    | 47.7        | 48.6    | 49.5        | 49.6        | 50.3    | 50.6      | 50.7      | 51.0      | 51.1       | 51.4      | 52.1    |
| GE 9000               | 31.9                        | 39.2    | 42.3    | 44.6    | 47.0    | 47.9        | 49.0    | 49.9        | 50.0        | 50.7    | 50.9      | 51.1      | 51.4      | 51.5       | 51.8      | 52.5    |
| GE 8000               | 33.3                        | 40.9    | 44.3    | 46.8    | 49.3    | 50.3        | 51.4    | 52.4        | 52.5        | 53.2    | 53.5      | 53.6      | 54.0      | 54.0       | 54.3      | 55.0    |
| GE 7000               | 33.6                        | 41.7    | 45.2    | 47.8    | 50.4    | 51.4        | 52.7    | 53.7        | 53.8        | 54.6    | 54.9      | 55.0      | 55.3      | 55.4       | 55.7      | 56.4    |
| GE 6000               | 33.7                        | 41.8    | 45.5    | 48.1    | 50.7    | 51.7        | 53.1    | 54.1        | 54.2        | 55.0    | 55.3      | 55.4      | 55.7      | 55.8       | 56.1      | 56.8    |
| GE 5000               | 34.8                        | 43.4    | 47.2    | 50.1    | 52.8    | 53.9        | 55.4    | 56.5        | 56.6        | 57.5    | 57.8      | 57.9      | 58.3      | 58.3       | 58.6      | 59.3    |
| GE 4500               | 34.8                        | 43.5    | 47.4    | 50.3    | 53.0    | 54.1        | 55.6    | 56.7        | 56.8        | 57.7    | 58.0      | 58.1      | 58.5      | 58.5       | 58.8      | 59.5    |
| GE 4000               | 36.2                        | 45.6    | 49.9    | 53.0    | 55.9    | 57.0        | 58.7    | 59.9        | 60.0        | 61.0    | 61.3      | 61.4      | 61.8      | 61.8       | 62.1      | 62.8    |
| GE 3500               | 36.6                        | 46.1    | 50.4    | 53.6    | 56.6    | 57.7        | 59.4    | 60.7        | 60.9        | 61.8    | 62.1      | 62.3      | 62.6      | 62.7       | 63.0      | 63.7    |
| GE 3000               | 38.3                        | 48.8    | 53.3    | 56.6    | 59.9    | 61.1        | 62.9    | 64.3        | 64.4        | 65.5    | 65.9      | 66.0      | 66.4      | 66.4       | 66.7      | 67.4    |
| GE 2500               | 38.6                        | 49.5    | 54.3    | 57.7    | 61.2    | 62.4        | 64.2    | 65.7        | 65.9        | 66.9    | 67.3      | 67.4      | 67.8      | 67.8       | 68.1      | 68.9    |
| GE 2000               | 39.0                        | 50.7    | 55.7    | 59.4    | 63.3    | 64.6        | 66.5    | 68.2        | 68.3        | 69.4    | 69.8      | 69.9      | 70.3      | 70.3       | 70.6      | 71.4    |
| GE 1800               | 39.1                        | 51.0    | 56.0    | 59.8    | 63.7    | 65.1        | 67.0    | 68.7        | 68.8        | 69.9    | 70.3      | 70.4      | 70.8      | 70.9       | 71.2      | 71.9    |
| GE 1500               | 39.3                        | 51.5    | 56.8    | 60.8    | 64.9    | 66.3        | 68.4    | 70.2        | 70.4        | 71.5    | 71.9      | 72.0      | 72.4      | 72.5       | 72.8      | 73.5    |
| GE 1200               | 39.5                        | 52.0    | 57.5    | 61.7    | 66.1    | 67.6        | 69.9    | 71.8        | 72.0        | 73.2    | 73.5      | 73.7      | 74.1      | 74.1       | 74.4      | 75.1    |
| GE 1000               | 39.6                        | 52.4    | 58.1    | 62.5    | 67.3    | 68.9        | 71.8    | 73.7        | 74.0        | 75.2    | 75.6      | 75.7      | 76.1      | 76.2       | 76.5      | 77.2    |
| GE 900                | 39.6                        | 52.6    | 58.4    | 62.9    | 67.9    | 69.5        | 72.6    | 74.6        | 74.9        | 76.1    | 76.5      | 76.7      | 77.0      | 77.1       | 77.4      | 78.1    |
| GE 800                | 39.6                        | 52.8    | 58.8    | 63.4    | 68.8    | 70.5        | 73.9    | 76.3        | 76.5        | 77.9    | 78.3      | 78.4      | 78.8      | 78.9       | 79.2      | 79.9    |
| GE 700                | 39.6                        | 52.8    | 58.9    | 63.5    | 69.1    | 70.9        | 74.5    | 76.9        | 77.4        | 78.8    | 79.1      | 79.3      | 79.7      | 79.7       | 80.0      | 80.8    |
| GE 600                | 39.6                        | 52.8    | 59.0    | 63.9    | 69.7    | 71.7        | 75.4    | 78.2        | 78.6        | 80.1    | 80.5      | 80.6      | 81.0      | 81.1       | 81.4      | 82.2    |
| GE 500                | 39.6                        | 52.9    | 59.1    | 64.0    | 70.2    | 72.3        | 76.4    | 79.6        | 80.2        | 81.9    | 82.3      | 82.5      | 83.0      | 83.1       | 83.5      | 84.4    |
| GE 400                | 39.6                        | 52.9    | 59.1    | 64.0    | 70.3    | 72.7        | 77.6    | 81.6        | 82.4        | 84.6    | 85.1      | 85.4      | 86.0      | 86.2       | 86.7      | 88.1    |
| GE 300                | 39.7                        | 52.9    | 59.1    | 64.1    | 70.5    | 73.0        | 78.2    | 82.8        | 84.0        | 86.8    | 87.8      | 88.3      | 89.3      | 89.8       | 90.5      | 92.3    |
| GE 200                | 39.7                        | 52.9    | 59.1    | 64.1    | 70.5    | 73.0        | 78.4    | 83.3        | 84.6        | 87.7    | 89.1      | 89.8      | 91.5      | 92.3       | 93.4      | 96.1    |
| GE 100                | 39.7                        | 52.9    | 59.1    | 64.1    | 70.5    | 73.0        | 78.4    | 83.3        | 84.6        | 87.8    | 89.1      | 89.9      | 91.7      | 92.6       | 94.0      | 99.0    |
| GE 0                  | 39.7                        | 52.9    | 59.1    | 64.1    | 70.5    | 73.0        | 78.4    | 83.3        | 84.6        | 87.8    | 89.1      | 89.9      | 91.7      | 92.6       | 94.1      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(IST): 0000-0200

| CEILING    |         | VISIBILITY IN STATUTE MILES |         |         |         |          |         |             |             |         |           |           |           |            |           |         |  |
|------------|---------|-----------------------------|---------|---------|---------|----------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| IN<br>FEET | 1<br>10 | GE<br>6                     | GE<br>5 | GE<br>4 | GE<br>3 | 2<br>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>5/16 | GE<br>1/4 | GE<br>0 |  |
| NO CEIL    | 54.8    | 59.0                        | 60.1    | 60.5    | 62.2    | 62.4     | 62.5    | 63.0        | 63.0        | 63.3    | 63.4      | 63.4      | 63.7      | 63.7       | 63.8      | 64.0    |  |
| GE 20000   | 58.9    | 63.8                        | 64.9    | 65.7    | 67.8    | 68.1     | 68.2    | 68.9        | 68.9        | 69.1    | 69.3      | 69.3      | 69.6      | 69.6       | 69.7      | 69.8    |  |
| GE 18000   | 59.0    | 64.0                        | 65.1    | 66.0    | 68.1    | 68.3     | 68.4    | 69.1        | 69.1        | 69.5    | 69.7      | 69.7      | 70.1      | 70.1       | 70.2      | 70.3    |  |
| GE 16000   | 59.2    | 64.2                        | 65.4    | 66.2    | 68.3    | 68.6     | 68.7    | 69.4        | 69.4        | 69.7    | 70.0      | 70.0      | 70.3      | 70.3       | 70.4      | 70.6    |  |
| GE 14000   | 59.7    | 65.1                        | 66.3    | 67.4    | 69.8    | 70.1     | 70.3    | 71.0        | 71.0        | 71.4    | 71.6      | 71.6      | 72.0      | 72.0       | 72.1      | 72.2    |  |
| GE 12000   | 61.2    | 67.1                        | 68.3    | 69.5    | 72.0    | 72.2     | 72.4    | 73.1        | 73.1        | 73.5    | 73.7      | 73.7      | 74.1      | 74.1       | 74.2      | 74.3    |  |
| GE 10000   | 64.2    | 70.7                        | 71.8    | 73.0    | 75.6    | 75.9     | 76.1    | 77.0        | 77.0        | 77.4    | 77.6      | 77.6      | 78.0      | 78.0       | 78.1      | 78.4    |  |
| GE 9000    | 64.3    | 70.8                        | 72.0    | 73.1    | 75.7    | 76.0     | 76.2    | 77.1        | 77.1        | 77.5    | 77.7      | 77.7      | 78.1      | 78.1       | 78.2      | 78.6    |  |
| GE 8000    | 66.5    | 74.4                        | 75.7    | 77.3    | 80.6    | 80.8     | 81.0    | 82.2        | 82.2        | 82.6    | 82.8      | 82.8      | 83.2      | 83.2       | 83.3      | 83.6    |  |
| GE 7000    | 67.7    | 75.7                        | 77.1    | 78.8    | 82.2    | 82.4     | 82.7    | 83.9        | 83.9        | 84.2    | 84.5      | 84.5      | 84.8      | 84.8       | 84.9      | 85.3    |  |
| GE 6000    | 68.8    | 76.9                        | 78.3    | 80.0    | 83.4    | 83.6     | 83.9    | 85.0        | 85.0        | 85.4    | 85.6      | 85.6      | 86.0      | 86.0       | 86.1      | 86.5    |  |
| GE 5000    | 70.6    | 78.8                        | 80.3    | 82.1    | 85.5    | 85.7     | 86.0    | 87.2        | 87.2        | 87.5    | 87.8      | 87.8      | 88.1      | 88.1       | 88.2      | 88.6    |  |
| GE 4500    | 70.9    | 79.2                        | 80.7    | 82.4    | 85.9    | 86.1     | 86.3    | 87.5        | 87.5        | 87.9    | 88.1      | 88.1      | 88.5      | 88.5       | 88.6      | 88.9    |  |
| GE 4000    | 72.0    | 80.4                        | 82.1    | 83.9    | 87.4    | 87.6     | 88.1    | 89.3        | 89.3        | 89.6    | 89.9      | 89.9      | 90.2      | 90.2       | 90.3      | 90.7    |  |
| GE 3500    | 72.3    | 81.2                        | 82.8    | 84.6    | 88.1    | 88.3     | 88.8    | 90.0        | 90.0        | 90.3    | 90.6      | 90.6      | 90.9      | 90.9       | 91.0      | 91.4    |  |
| GE 3000    | 72.9    | 83.3                        | 84.9    | 87.2    | 90.7    | 90.9     | 91.4    | 92.6        | 92.6        | 92.9    | 93.2      | 93.2      | 93.5      | 93.5       | 93.6      | 94.0    |  |
| GE 2500    | 73.4    | 83.9                        | 85.5    | 87.8    | 91.3    | 91.5     | 92.0    | 93.2        | 93.2        | 93.5    | 93.8      | 93.8      | 94.1      | 94.1       | 94.2      | 94.6    |  |
| GE 2000    | 73.4    | 84.6                        | 86.8    | 89.3    | 93.1    | 93.3     | 93.9    | 95.2        | 95.2        | 95.5    | 95.8      | 95.8      | 96.1      | 96.1       | 96.2      | 96.6    |  |
| GE 1800    | 73.4    | 84.6                        | 86.8    | 89.4    | 93.2    | 93.4     | 94.0    | 95.3        | 95.3        | 95.6    | 95.9      | 95.9      | 96.2      | 96.2       | 96.3      | 96.7    |  |
| GE 1500    | 73.9    | 85.3                        | 87.6    | 90.3    | 94.2    | 94.5     | 95.2    | 96.5        | 96.5        | 96.8    | 97.1      | 97.1      | 97.4      | 97.4       | 97.5      | 97.9    |  |
| GE 1200    | 73.9    | 85.4                        | 87.8    | 90.5    | 94.7    | 94.9     | 95.6    | 96.9        | 96.9        | 97.3    | 97.5      | 97.5      | 97.9      | 97.9       | 98.0      | 98.4    |  |
| GE 1000    | 73.9    | 85.5                        | 87.9    | 90.6    | 94.8    | 95.1     | 95.8    | 97.1        | 97.1        | 97.4    | 97.6      | 97.6      | 98.0      | 98.0       | 98.1      | 98.5    |  |
| GE 900     | 73.9    | 85.6                        | 88.2    | 90.9    | 95.3    | 95.5     | 96.2    | 97.5        | 97.5        | 97.9    | 98.1      | 98.1      | 98.5      | 98.5       | 98.6      | 98.9    |  |
| GE 800     | 73.9    | 85.6                        | 88.2    | 90.9    | 95.3    | 95.5     | 96.2    | 97.6        | 97.6        | 98.0    | 98.2      | 98.2      | 98.6      | 98.6       | 98.7      | 99.1    |  |
| GE 700     | 73.9    | 85.7                        | 88.3    | 91.0    | 95.4    | 95.6     | 96.3    | 97.8        | 97.8        | 98.1    | 98.4      | 98.4      | 98.7      | 98.7       | 98.8      | 99.2    |  |
| GE 600     | 73.9    | 85.7                        | 88.3    | 91.0    | 95.4    | 95.6     | 96.3    | 97.9        | 97.9        | 98.2    | 98.5      | 98.5      | 98.8      | 98.8       | 98.9      | 99.3    |  |
| GE 500     | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.4      | 99.8    |  |
| GE 400     | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.4      | 99.8    |  |
| GE 300     | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.4      | 99.8    |  |
| GE 200     | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.6      | 100.0   |  |
| GE 100     | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.6      | 100.0   |  |
| GE 0       | 73.9    | 85.7                        | 88.5    | 91.2    | 95.5    | 95.8     | 96.5    | 98.2        | 98.4        | 98.7    | 98.9      | 98.9      | 99.3      | 99.3       | 99.6      | 100.0   |  |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 48.3                        | 54.8    | 56.1    | 56.8    | 58.1    | 58.3        | 58.7    | 58.8        | 58.9        | 59.1    | 59.2      | 59.4      | 59.6      | 59.7       | 59.7      | 60.2    |
| GE 20000              | 53.1                        | 60.9    | 62.3    | 63.0    | 64.4    | 64.7        | 65.3    | 65.6        | 65.7        | 66.2    | 66.3      | 66.4      | 66.7      | 66.8       | 66.8      | 67.3    |
| GE 18000              | 53.1                        | 60.9    | 62.5    | 63.3    | 64.7    | 64.9        | 65.5    | 65.8        | 66.0        | 66.4    | 66.5      | 66.7      | 66.9      | 67.0       | 67.0      | 67.5    |
| GE 16000              | 53.5                        | 61.2    | 62.9    | 63.6    | 65.0    | 65.3        | 65.8    | 66.2        | 66.3        | 66.8    | 66.9      | 67.0      | 67.3      | 67.4       | 67.4      | 67.8    |
| GE 14000              | 54.1                        | 61.8    | 63.5    | 64.2    | 65.7    | 66.1        | 66.7    | 67.0        | 67.1        | 67.6    | 67.7      | 67.8      | 68.1      | 68.2       | 68.2      | 68.7    |
| GE 12000              | 56.3                        | 64.3    | 66.0    | 66.7    | 68.2    | 68.7        | 69.3    | 69.6        | 69.7        | 70.2    | 70.3      | 70.4      | 70.7      | 70.8       | 70.8      | 71.3    |
| GE 10000              | 59.2                        | 68.6    | 70.2    | 70.9    | 72.4    | 72.9        | 73.5    | 74.3        | 74.4        | 74.9    | 75.0      | 75.1      | 75.4      | 75.5       | 75.5      | 76.0    |
| GE 9000               | 59.2                        | 68.8    | 70.4    | 71.1    | 72.7    | 73.1        | 73.7    | 74.6        | 74.7        | 75.1    | 75.3      | 75.4      | 75.6      | 75.7       | 75.7      | 76.2    |
| GE 8000               | 62.5                        | 72.6    | 74.2    | 74.9    | 76.9    | 77.4        | 78.0    | 78.8        | 78.9        | 79.4    | 79.5      | 79.6      | 79.9      | 80.0       | 80.0      | 80.4    |
| GE 7000               | 62.9                        | 73.1    | 74.9    | 75.7    | 77.7    | 78.2        | 78.8    | 79.6        | 79.7        | 80.2    | 80.3      | 80.4      | 80.7      | 80.8       | 80.8      | 81.3    |
| GE 6000               | 63.8                        | 74.1    | 76.2    | 77.1    | 79.3    | 79.7        | 80.4    | 81.3        | 81.4        | 81.9    | 82.0      | 82.1      | 82.3      | 82.4       | 82.4      | 82.9    |
| GE 5000               | 65.3                        | 75.6    | 78.3    | 79.5    | 81.6    | 82.1        | 82.8    | 83.6        | 83.7        | 84.2    | 84.3      | 84.5      | 84.7      | 84.8       | 84.8      | 85.3    |
| GE 4500               | 65.6                        | 76.0    | 78.7    | 79.9    | 82.0    | 82.4        | 83.2    | 84.0        | 84.1        | 84.6    | 84.7      | 84.8      | 85.0      | 85.2       | 85.2      | 85.6    |
| GE 4000               | 67.8                        | 78.4    | 81.4    | 82.8    | 85.2    | 85.6        | 86.3    | 87.2        | 87.3        | 87.8    | 87.9      | 88.0      | 88.2      | 88.3       | 88.3      | 88.8    |
| GE 3500               | 68.1                        | 78.8    | 82.0    | 83.4    | 85.7    | 86.2        | 86.9    | 87.8        | 87.9        | 88.3    | 88.5      | 88.6      | 88.8      | 88.9       | 88.9      | 89.4    |
| GE 3000               | 69.3                        | 80.8    | 84.1    | 85.7    | 88.3    | 88.8        | 89.5    | 90.3        | 90.5        | 91.0    | 91.2      | 91.3      | 91.5      | 91.6       | 91.6      | 92.1    |
| GE 2500               | 69.6                        | 81.5    | 84.8    | 86.5    | 89.0    | 89.5        | 90.2    | 91.0        | 91.2        | 91.8    | 91.9      | 92.0      | 92.2      | 92.3       | 92.3      | 92.8    |
| GE 2000               | 70.0                        | 82.3    | 85.7    | 87.5    | 90.7    | 91.2        | 91.9    | 92.8        | 92.9        | 93.5    | 93.6      | 93.8      | 94.0      | 94.1       | 94.1      | 94.6    |
| GE 1800               | 70.0                        | 82.3    | 85.7    | 87.5    | 90.8    | 91.3        | 92.0    | 92.9        | 93.1        | 93.6    | 93.8      | 93.9      | 94.1      | 94.2       | 94.2      | 94.7    |
| GE 1500               | 70.1                        | 82.7    | 86.1    | 87.9    | 91.6    | 92.1        | 92.8    | 93.8        | 93.9        | 94.5    | 94.6      | 94.7      | 94.9      | 95.1       | 95.1      | 95.5    |
| GE 1200               | 70.1                        | 82.7    | 86.2    | 88.0    | 91.8    | 92.2        | 92.9    | 93.9        | 94.0        | 94.6    | 94.7      | 94.8      | 95.1      | 95.2       | 95.2      | 95.6    |
| GE 1000               | 70.1                        | 82.9    | 86.5    | 88.3    | 92.1    | 92.6        | 93.3    | 94.5        | 94.6        | 95.2    | 95.3      | 95.4      | 95.6      | 95.8       | 95.8      | 96.2    |
| GE 900                | 70.1                        | 82.9    | 86.5    | 88.3    | 92.1    | 92.6        | 93.3    | 94.5        | 94.6        | 95.2    | 95.3      | 95.4      | 95.6      | 95.8       | 95.8      | 96.2    |
| GE 800                | 70.2                        | 83.3    | 86.8    | 88.7    | 92.6    | 93.1        | 93.8    | 94.9        | 95.1        | 95.6    | 95.8      | 95.9      | 96.1      | 96.2       | 96.2      | 96.7    |
| GE 700                | 70.2                        | 83.3    | 86.8    | 88.7    | 92.6    | 93.1        | 93.8    | 94.9        | 95.1        | 95.6    | 95.8      | 95.9      | 96.1      | 96.2       | 96.2      | 96.7    |
| GE 600                | 70.2                        | 83.3    | 86.8    | 88.7    | 92.6    | 93.1        | 93.8    | 94.9        | 95.1        | 95.6    | 95.8      | 95.9      | 96.1      | 96.2       | 96.2      | 96.7    |
| GE 500                | 70.2                        | 83.3    | 86.8    | 88.7    | 92.6    | 93.1        | 93.9    | 95.1        | 95.2        | 95.8    | 95.9      | 96.1      | 96.3      | 96.5       | 96.5      | 96.9    |
| GE 400                | 70.2                        | 83.3    | 86.8    | 88.8    | 92.7    | 93.2        | 94.0    | 95.2        | 95.3        | 95.9    | 96.0      | 96.2      | 96.7      | 96.8       | 96.8      | 97.3    |
| GE 300                | 70.2                        | 83.3    | 86.8    | 88.8    | 92.7    | 93.2        | 94.0    | 95.3        | 95.4        | 96.0    | 96.1      | 96.7      | 97.4      | 97.5       | 97.5      | 98.0    |
| GE 200                | 70.2                        | 83.3    | 86.8    | 88.8    | 92.7    | 93.2        | 94.0    | 95.3        | 95.4        | 96.0    | 96.1      | 96.7      | 97.6      | 97.8       | 98.0      | 99.2    |
| GE 100                | 70.2                        | 83.3    | 86.8    | 88.8    | 92.7    | 93.2        | 94.0    | 95.3        | 95.4        | 96.0    | 96.2      | 96.8      | 97.9      | 98.0       | 98.4      | 100.0   |
| GE 0                  | 70.2                        | 83.3    | 86.8    | 88.8    | 92.7    | 93.2        | 94.0    | 95.3        | 95.4        | 96.0    | 96.2      | 96.8      | 97.9      | 98.0       | 98.4      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS: 11:01: 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 42.6                        | 50.1    | 51.4    | 51.5    | 52.5    | 52.7        | 53.2    | 53.5        | 53.6        | 54.1    | 54.5      | 54.5      | 55.2      | 55.4       | 55.6      | 56.7    |
| GE 20000              | 47.2                        | 55.1    | 56.8    | 57.0    | 58.1    | 58.2        | 58.8    | 59.4        | 59.6        | 60.1    | 60.7      | 60.7      | 61.5      | 61.6       | 61.8      | 62.9    |
| GE 18000              | 47.3                        | 55.2    | 57.0    | 57.2    | 58.3    | 58.4        | 59.0    | 59.6        | 59.8        | 60.3    | 60.9      | 60.9      | 61.7      | 61.8       | 62.1      | 63.1    |
| GE 16000              | 47.5                        | 55.4    | 57.1    | 57.4    | 58.5    | 58.7        | 59.2    | 59.8        | 60.1        | 60.5    | 61.1      | 61.1      | 62.0      | 62.1       | 62.3      | 63.4    |
| GE 14000              | 47.8                        | 55.7    | 57.5    | 57.7    | 58.9    | 59.1        | 59.7    | 60.3        | 60.5        | 61.0    | 61.6      | 61.6      | 62.4      | 62.5       | 62.8      | 63.8    |
| GE 12000              | 49.5                        | 57.8    | 59.7    | 60.0    | 61.1    | 61.5        | 62.1    | 62.7        | 62.9        | 63.5    | 64.1      | 64.1      | 64.9      | 65.0       | 65.3      | 66.3    |
| GE 10000              | 51.8                        | 61.1    | 63.3    | 63.8    | 65.3    | 65.6        | 66.3    | 67.0        | 67.3        | 68.1    | 68.9      | 68.9      | 69.7      | 69.8       | 70.2      | 71.3    |
| GE 9000               | 52.1                        | 61.4    | 63.5    | 64.1    | 65.5    | 65.8        | 66.5    | 67.3        | 67.5        | 68.3    | 69.1      | 69.1      | 70.0      | 70.1       | 70.4      | 71.5    |
| GE 8000               | 55.1                        | 65.1    | 67.3    | 68.1    | 69.6    | 70.0        | 70.8    | 71.5        | 71.7        | 72.6    | 73.4      | 73.4      | 74.2      | 74.3       | 74.8      | 75.9    |
| GE 7000               | 55.8                        | 66.2    | 68.4    | 69.3    | 70.9    | 71.4        | 72.2    | 72.9        | 73.1        | 74.0    | 74.8      | 74.8      | 75.6      | 75.7       | 76.2      | 77.3    |
| GE 6000               | 56.2                        | 66.8    | 69.3    | 70.2    | 72.1    | 72.6        | 73.5    | 74.4        | 74.7        | 75.6    | 76.4      | 76.4      | 77.3      | 77.4       | 77.9      | 78.9    |
| GE 5000               | 56.8                        | 67.6    | 70.3    | 71.4    | 73.3    | 73.9        | 74.8    | 75.9        | 76.1        | 77.0    | 78.0      | 78.0      | 78.8      | 78.9       | 79.4      | 80.4    |
| GE 4500               | 57.0                        | 68.0    | 70.7    | 71.7    | 73.6    | 74.2        | 75.1    | 76.2        | 76.4        | 77.4    | 78.3      | 78.3      | 79.2      | 79.3       | 79.7      | 80.8    |
| GE 4000               | 59.1                        | 70.2    | 72.9    | 74.0    | 76.4    | 77.0        | 78.2    | 79.5        | 79.7        | 80.7    | 81.6      | 81.6      | 82.4      | 82.6       | 83.0      | 84.1    |
| GE 3500               | 59.4                        | 70.6    | 73.3    | 74.3    | 76.8    | 77.4        | 78.6    | 79.9        | 80.1        | 81.0    | 82.0      | 82.0      | 82.8      | 82.9       | 83.4      | 84.5    |
| GE 3000               | 60.7                        | 72.4    | 75.4    | 76.4    | 79.2    | 79.7        | 80.9    | 82.3        | 82.6        | 83.5    | 84.5      | 84.5      | 85.3      | 85.4       | 85.9      | 87.0    |
| GE 2500               | 61.8                        | 73.9    | 76.8    | 78.0    | 80.9    | 81.5        | 82.7    | 84.1        | 84.3        | 85.3    | 86.2      | 86.2      | 87.0      | 87.2       | 87.6      | 88.4    |
| GE 2000               | 62.5                        | 74.9    | 78.1    | 79.5    | 82.7    | 83.3        | 84.6    | 86.1        | 86.3        | 87.3    | 88.2      | 88.2      | 89.0      | 89.2       | 89.6      | 90.8    |
| GE 1800               | 62.5                        | 75.0    | 78.2    | 79.6    | 82.8    | 83.4        | 84.7    | 86.2        | 86.5        | 87.4    | 88.3      | 88.3      | 89.2      | 89.3       | 89.8      | 90.9    |
| GE 1500               | 62.9                        | 75.6    | 78.9    | 80.3    | 83.7    | 84.5        | 85.7    | 87.3        | 87.6        | 88.7    | 89.6      | 89.6      | 90.5      | 90.6       | 91.0      | 92.2    |
| GE 1200               | 63.0                        | 76.0    | 79.4    | 80.8    | 84.2    | 84.9        | 86.3    | 87.9        | 88.2        | 89.3    | 90.2      | 90.2      | 91.0      | 91.2       | 91.6      | 92.8    |
| GE 1000               | 63.0                        | 76.0    | 79.4    | 81.2    | 84.6    | 85.3        | 86.8    | 88.3        | 88.7        | 89.8    | 90.7      | 90.7      | 91.5      | 91.6       | 92.1      | 93.3    |
| GE 900                | 63.1                        | 76.2    | 79.6    | 81.5    | 85.0    | 85.7        | 87.3    | 88.8        | 89.2        | 90.2    | 91.2      | 91.2      | 92.0      | 92.1       | 92.6      | 93.8    |
| GE 800                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.4    | 86.1        | 87.8    | 89.3        | 89.6        | 90.7    | 91.6      | 91.6      | 92.5      | 92.6       | 93.1      | 94.2    |
| GE 700                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.0    | 89.9        | 90.2        | 91.3    | 92.3      | 92.3      | 93.2      | 93.3       | 93.8      | 94.9    |
| GE 600                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.0    | 89.9        | 90.2        | 91.4    | 92.5      | 92.5      | 93.3      | 93.4       | 93.9      | 95.1    |
| GE 500                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.1        | 90.5        | 91.8    | 93.1      | 93.1      | 93.9      | 94.0       | 94.5      | 95.6    |
| GE 400                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.2        | 90.6        | 91.9    | 93.2      | 93.2      | 94.1      | 94.2       | 94.7      | 96.0    |
| GE 300                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.3        | 90.7        | 92.0    | 93.4      | 93.5      | 94.5      | 94.8       | 95.3      | 96.7    |
| GE 200                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.3        | 90.7        | 92.0    | 93.4      | 93.5      | 94.5      | 94.8       | 95.5      | 98.5    |
| GE 100                | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.3        | 90.7        | 92.0    | 93.4      | 93.5      | 94.5      | 94.8       | 95.5      | 99.4    |
| GE 0                  | 63.1                        | 76.3    | 79.7    | 81.7    | 85.6    | 86.3        | 88.2    | 90.3        | 90.7        | 92.0    | 93.4      | 93.5      | 94.5      | 94.8       | 95.5      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(IST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 44.9                        | 50.4    | 51.9    | 52.5    | 53.7    | 53.7        | 53.8    | 54.5        | 54.8        | 55.2    | 55.4      | 55.4      | 55.5      | 55.5       | 55.5      | 55.8    |
| GE 20000              | 48.3                        | 54.4    | 56.3    | 57.1    | 58.4    | 58.5        | 58.8    | 59.5        | 59.7        | 60.2    | 60.4      | 60.5      | 60.7      | 60.7       | 60.8      | 61.1    |
| GE 18000              | 48.8                        | 54.9    | 56.9    | 57.7    | 59.0    | 59.1        | 59.4    | 60.1        | 60.3        | 60.8    | 61.0      | 61.1      | 61.2      | 61.2       | 61.4      | 61.7    |
| GE 16000              | 49.0                        | 55.1    | 57.1    | 58.1    | 59.4    | 59.5        | 59.7    | 60.4        | 60.7        | 61.1    | 61.4      | 61.5      | 61.6      | 61.6       | 61.7      | 62.1    |
| GE 14000              | 51.0                        | 57.4    | 59.4    | 60.3    | 61.6    | 61.7        | 62.0    | 62.8        | 63.0        | 63.5    | 63.7      | 63.8      | 64.0      | 64.0       | 64.1      | 64.4    |
| GE 12000              | 52.8                        | 57.6    | 61.8    | 62.8    | 64.1    | 64.2        | 64.4    | 65.3        | 65.5        | 66.0    | 66.2      | 66.3      | 66.4      | 66.4       | 66.5      | 66.9    |
| GE 10000              | 55.0                        | 62.7    | 65.3    | 66.2    | 67.5    | 67.6        | 67.8    | 68.7        | 68.9        | 69.8    | 70.2      | 70.3      | 70.4      | 70.4       | 70.6      | 70.9    |
| GE 9000               | 55.0                        | 62.7    | 65.3    | 66.2    | 67.5    | 67.6        | 67.8    | 68.7        | 68.9        | 69.8    | 70.2      | 70.3      | 70.4      | 70.4       | 70.6      | 70.9    |
| GE 8000               | 56.3                        | 64.9    | 67.6    | 68.7    | 70.0    | 70.1        | 70.3    | 71.3        | 71.5        | 72.4    | 72.8      | 72.9      | 73.0      | 73.0       | 73.1      | 73.6    |
| GE 7000               | 56.9                        | 66.2    | 68.9    | 70.0    | 71.3    | 71.4        | 71.6    | 72.6        | 72.8        | 73.7    | 74.1      | 74.2      | 74.3      | 74.3       | 74.4      | 74.9    |
| GE 6000               | 56.9                        | 66.3    | 69.0    | 70.1    | 71.5    | 71.7        | 72.1    | 73.0        | 73.3        | 74.2    | 74.6      | 74.7      | 74.8      | 74.8       | 74.9      | 75.4    |
| GE 5000               | 57.8                        | 67.6    | 70.4    | 71.5    | 72.9    | 73.1        | 73.7    | 74.7        | 74.9        | 76.0    | 76.3      | 76.4      | 76.6      | 76.6       | 76.7      | 77.1    |
| GE 4500               | 58.0                        | 67.7    | 70.6    | 71.6    | 73.0    | 73.3        | 73.9    | 74.9        | 75.3        | 76.3    | 76.7      | 76.8      | 76.9      | 76.9       | 77.0      | 77.5    |
| GE 4000               | 59.7                        | 70.6    | 73.6    | 74.8    | 76.2    | 76.4        | 77.1    | 78.4        | 78.8        | 79.9    | 80.2      | 80.3      | 80.4      | 80.4       | 80.6      | 81.0    |
| GE 3500               | 60.7                        | 71.6    | 74.7    | 75.9    | 77.5    | 77.7        | 78.4    | 79.7        | 80.1        | 81.2    | 81.5      | 81.6      | 81.7      | 81.7       | 81.9      | 82.3    |
| GE 3000               | 63.7                        | 75.1    | 78.2    | 79.6    | 81.3    | 81.5        | 82.7    | 84.1        | 84.5        | 85.5    | 85.9      | 86.0      | 86.1      | 86.1       | 86.2      | 86.7    |
| GE 2500               | 64.5                        | 76.8    | 80.1    | 81.5    | 83.3    | 83.5        | 84.9    | 86.3        | 86.7        | 87.8    | 88.1      | 88.2      | 88.3      | 88.3       | 88.5      | 88.9    |
| GE 2000               | 64.9                        | 77.5    | 81.2    | 82.6    | 84.7    | 84.9        | 86.5    | 88.2        | 88.6        | 89.8    | 90.1      | 90.2      | 90.3      | 90.3       | 90.5      | 90.9    |
| GE 1800               | 64.9                        | 77.5    | 81.4    | 82.8    | 84.9    | 85.2        | 86.7    | 88.5        | 88.8        | 90.0    | 90.3      | 90.5      | 90.6      | 90.6       | 90.7      | 91.2    |
| GE 1500               | 65.1                        | 78.0    | 81.9    | 83.4    | 85.7    | 86.0        | 87.6    | 89.4        | 89.8        | 90.9    | 91.3      | 91.4      | 91.5      | 91.5       | 91.6      | 92.1    |
| GE 1200               | 65.1                        | 78.1    | 82.1    | 83.6    | 86.3    | 86.6        | 88.3    | 90.2        | 90.6        | 91.8    | 92.1      | 92.2      | 92.3      | 92.3       | 92.5      | 92.9    |
| GE 1000               | 65.1                        | 78.2    | 82.2    | 83.7    | 86.5    | 86.7        | 88.5    | 90.3        | 90.7        | 91.9    | 92.2      | 92.3      | 92.5      | 92.5       | 92.6      | 93.1    |
| GE 900                | 65.1                        | 78.2    | 82.2    | 83.9    | 86.7    | 86.9        | 88.7    | 90.6        | 90.9        | 92.1    | 92.5      | 92.6      | 92.7      | 92.7       | 92.8      | 93.3    |
| GE 800                | 65.1                        | 78.4    | 82.4    | 84.3    | 87.2    | 87.4        | 89.2    | 91.2        | 91.6        | 92.8    | 93.2      | 93.3      | 93.4      | 93.4       | 93.5      | 94.0    |
| GE 700                | 65.1                        | 78.4    | 82.4    | 84.6    | 87.5    | 87.8        | 89.5    | 91.8        | 92.2        | 93.4    | 93.8      | 93.9      | 94.0      | 94.0       | 94.1      | 94.6    |
| GE 600                | 65.1                        | 78.4    | 82.4    | 84.6    | 87.5    | 87.8        | 89.5    | 92.1        | 92.7        | 93.9    | 94.2      | 94.3      | 94.5      | 94.5       | 94.6      | 95.1    |
| GE 500                | 65.1                        | 78.4    | 82.6    | 84.7    | 87.6    | 87.9        | 89.6    | 92.2        | 92.8        | 94.1    | 94.5      | 94.6      | 94.7      | 94.7       | 94.8      | 95.3    |
| GE 400                | 65.1                        | 78.4    | 82.6    | 84.7    | 88.0    | 88.2        | 90.0    | 92.7        | 93.3        | 94.8    | 95.4      | 95.5      | 95.8      | 95.8       | 95.9      | 96.3    |
| GE 300                | 65.1                        | 78.4    | 82.6    | 84.7    | 88.0    | 88.2        | 90.0    | 92.7        | 93.3        | 94.9    | 95.6      | 95.8      | 96.3      | 96.6       | 96.7      | 97.3    |
| GE 200                | 65.1                        | 78.4    | 82.6    | 84.7    | 88.0    | 88.2        | 90.0    | 92.7        | 93.3        | 94.9    | 95.6      | 95.8      | 96.6      | 97.1       | 97.5      | 98.9    |
| GE 100                | 65.1                        | 78.4    | 82.6    | 84.7    | 88.0    | 88.2        | 90.0    | 92.7        | 93.3        | 94.9    | 95.8      | 95.9      | 96.7      | 97.2       | 97.6      | 99.6    |
| GE 0                  | 65.1                        | 78.4    | 82.6    | 84.7    | 88.0    | 88.2        | 90.0    | 92.7        | 93.3        | 95.1    | 95.9      | 96.0      | 96.8      | 97.3       | 97.8      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL               | 45.7     | 50.2    | 51.6    | 52.3    | 53.4    | 53.4        | 53.5    | 53.5        | 53.5        | 53.5    | 53.5      | 53.5      | 53.6      | 53.6       | 53.6      | 53.6    |
| GE 20000              | 51.7     | 57.4    | 59.5    | 60.8    | 62.2    | 62.3        | 62.5    | 62.7        | 62.7        | 62.7    | 62.7      | 62.7      | 62.8      | 62.8       | 62.8      | 62.8    |
| GE 18000              | 52.3     | 58.0    | 60.1    | 61.4    | 62.8    | 62.9        | 63.1    | 63.3        | 63.3        | 63.3    | 63.3      | 63.3      | 63.4      | 63.4       | 63.4      | 63.4    |
| GE 16000              | 52.5     | 58.2    | 60.3    | 61.6    | 63.0    | 63.1        | 63.4    | 63.5        | 63.5        | 63.5    | 63.5      | 63.5      | 63.6      | 63.6       | 63.6      | 63.6    |
| GE 14000              | 55.0     | 61.0    | 63.3    | 64.5    | 66.0    | 66.1        | 66.4    | 66.5        | 66.5        | 66.5    | 66.5      | 66.5      | 66.7      | 66.7       | 66.7      | 66.7    |
| GE 12000              | 57.7     | 64.5    | 66.8    | 68.1    | 69.6    | 69.7        | 70.1    | 70.2        | 70.2        | 70.2    | 70.2      | 70.2      | 70.3      | 70.3       | 70.3      | 70.3    |
| GE 10000              | 60.8     | 68.8    | 71.0    | 72.3    | 74.0    | 74.1        | 74.4    | 74.6        | 74.6        | 74.6    | 74.7      | 74.7      | 74.8      | 74.8       | 74.8      | 74.8    |
| GE 9000               | 60.8     | 68.8    | 71.0    | 72.3    | 74.0    | 74.1        | 74.6    | 74.7        | 74.7        | 74.7    | 74.8      | 74.8      | 74.9      | 74.9       | 74.9      | 74.9    |
| GE 8000               | 63.3     | 71.8    | 74.6    | 76.0    | 77.6    | 77.7        | 78.3    | 78.4        | 78.4        | 78.4    | 78.6      | 78.6      | 78.7      | 78.7       | 78.7      | 78.7    |
| GE 7000               | 63.8     | 72.8    | 75.5    | 76.9    | 78.6    | 78.7        | 79.3    | 79.4        | 79.4        | 79.4    | 79.5      | 79.5      | 79.6      | 79.6       | 79.6      | 79.6    |
| GE 6000               | 63.8     | 72.8    | 75.5    | 77.0    | 78.7    | 78.8        | 79.4    | 79.5        | 79.5        | 79.5    | 79.6      | 79.6      | 79.7      | 79.7       | 79.7      | 79.7    |
| GE 5000               | 65.0     | 74.3    | 77.0    | 78.7    | 80.3    | 80.4        | 81.2    | 81.3        | 81.3        | 81.4    | 81.5      | 81.5      | 81.6      | 81.6       | 81.6      | 81.6    |
| GE 4500               | 65.0     | 74.6    | 77.3    | 78.9    | 80.6    | 80.7        | 81.4    | 81.5        | 81.5        | 81.6    | 81.7      | 81.7      | 81.9      | 81.9       | 81.9      | 81.9    |
| GE 4000               | 66.2     | 77.1    | 80.2    | 81.9    | 83.6    | 83.7        | 84.6    | 84.7        | 84.7        | 84.8    | 84.9      | 84.9      | 85.0      | 85.0       | 85.0      | 85.0    |
| GE 3500               | 67.0     | 78.1    | 81.2    | 82.8    | 84.7    | 84.8        | 85.6    | 85.7        | 85.7        | 85.9    | 86.0      | 86.0      | 86.1      | 86.1       | 86.1      | 86.1    |
| GE 3000               | 70.3     | 81.7    | 85.0    | 86.9    | 89.0    | 89.2        | 90.2    | 90.5        | 90.5        | 90.6    | 90.7      | 90.7      | 90.8      | 90.8       | 90.8      | 90.8    |
| GE 2500               | 70.4     | 82.9    | 86.2    | 88.2    | 90.3    | 90.5        | 91.5    | 91.8        | 91.8        | 91.9    | 92.0      | 92.0      | 92.1      | 92.1       | 92.1      | 92.1    |
| GE 2000               | 70.9     | 83.5    | 86.9    | 89.0    | 91.6    | 91.9        | 93.2    | 93.4        | 93.5        | 93.8    | 94.0      | 94.0      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 1800               | 70.9     | 83.5    | 86.9    | 89.0    | 91.6    | 91.9        | 93.2    | 93.4        | 93.5        | 93.8    | 94.0      | 94.0      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 1500               | 71.0     | 83.6    | 87.0    | 89.4    | 92.5    | 92.7        | 94.2    | 94.6        | 94.7        | 94.9    | 95.3      | 95.3      | 95.4      | 95.4       | 95.4      | 95.4    |
| GE 1200               | 71.0     | 83.6    | 87.0    | 89.5    | 92.9    | 93.3        | 94.8    | 95.2        | 95.3        | 95.5    | 95.9      | 95.9      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 1000               | 71.0     | 83.6    | 87.0    | 89.8    | 93.3    | 93.6        | 95.3    | 95.6        | 95.8        | 96.1    | 96.5      | 96.5      | 96.7      | 96.7       | 96.7      | 96.7    |
| GE 900                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.0        | 95.9    | 96.3        | 96.5        | 96.8    | 97.2      | 97.2      | 97.4      | 97.4       | 97.4      | 97.4    |
| GE 800                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.0        | 96.0    | 96.6        | 96.7        | 97.2    | 97.5      | 97.5      | 97.8      | 97.8       | 97.8      | 97.8    |
| GE 700                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.2        | 96.2    | 97.1        | 97.2        | 97.6    | 98.1      | 98.1      | 98.4      | 98.4       | 98.4      | 98.4    |
| GE 600                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.2        | 96.2    | 97.2        | 97.3        | 98.0    | 98.5      | 98.5      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 500                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.3        | 96.3    | 97.4        | 97.5        | 98.4    | 98.9      | 98.9      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 400                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.5        | 96.5    | 97.8        | 98.0        | 98.8    | 99.4      | 99.4      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 300                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.5        | 96.5    | 97.9        | 98.1        | 98.9    | 99.6      | 99.6      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.5        | 96.5    | 97.9        | 98.1        | 98.9    | 99.6      | 99.6      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.5        | 96.5    | 97.9        | 98.1        | 98.9    | 99.6      | 99.6      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 71.0     | 83.6    | 87.2    | 90.0    | 93.6    | 94.5        | 96.5    | 97.9        | 98.1        | 98.9    | 99.6      | 99.6      | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 1500-1700

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |      |       |       |       |       |       |       |       |       |       |    |
|----------|------|-----------------------------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| IN       | GE   | GE                          | GE   | GE   | GE   | GE    | GE   | GE    | GE    | GE    | GE    | GE    | GE    | GE    | GE    | GE    | GE |
| FEET     | 10   | 6                           | 5    | 4    | 3    | 2 1/2 | 2    | 1 1/2 | 1 1/4 | 1     | 3/4   | 5/8   | 1/2   | 5/16  | 1/4   | 0     |    |
| NO CEIL  | 44.5 | 49.5                        | 50.8 | 51.9 | 52.5 | 52.5  | 52.5 | 52.5  | 52.5  | 52.5  | 52.5  | 52.5  | 52.5  | 52.5  | 52.5  | 52.5  |    |
| GE 20000 | 53.2 | 59.0                        | 60.7 | 62.2 | 62.8 | 62.8  | 63.2 | 63.2  | 63.2  | 63.2  | 63.2  | 63.2  | 63.2  | 63.2  | 63.2  | 63.2  |    |
| GE 18000 | 54.1 | 59.9                        | 61.5 | 63.0 | 63.6 | 63.6  | 64.0 | 64.0  | 64.0  | 64.0  | 64.0  | 64.0  | 64.0  | 64.0  | 64.0  | 64.0  |    |
| GE 16000 | 54.2 | 60.0                        | 61.6 | 63.2 | 63.8 | 63.8  | 64.1 | 64.1  | 64.1  | 64.1  | 64.1  | 64.1  | 64.1  | 64.1  | 64.1  | 64.1  |    |
| GE 14000 | 56.7 | 62.7                        | 64.5 | 66.0 | 66.6 | 66.6  | 66.9 | 66.9  | 66.9  | 66.9  | 66.9  | 66.9  | 66.9  | 66.9  | 66.9  | 66.9  |    |
| GE 12000 | 59.7 | 66.5                        | 68.2 | 70.0 | 70.6 | 70.6  | 71.0 | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  |    |
| GE 10000 | 62.5 | 70.7                        | 72.6 | 74.5 | 75.4 | 75.4  | 76.2 | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  |    |
| GE 9000  | 62.7 | 71.0                        | 72.8 | 74.7 | 75.7 | 75.7  | 76.4 | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  |    |
| GE 8000  | 65.5 | 74.9                        | 77.0 | 78.9 | 79.8 | 79.8  | 80.5 | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  |    |
| GE 7000  | 66.1 | 75.6                        | 77.9 | 79.9 | 80.9 | 80.9  | 81.7 | 81.9  | 81.9  | 81.9  | 81.9  | 81.9  | 81.9  | 81.9  | 81.9  | 81.9  |    |
| GE 6000  | 66.4 | 75.8                        | 78.2 | 80.2 | 81.1 | 81.1  | 81.9 | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  |    |
| GE 5000  | 67.3 | 77.3                        | 79.7 | 81.8 | 83.1 | 83.1  | 84.1 | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  |    |
| GE 4500  | 67.4 | 77.6                        | 80.0 | 82.2 | 83.5 | 83.5  | 84.4 | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  |    |
| GE 4000  | 69.1 | 80.3                        | 83.0 | 85.2 | 86.5 | 86.5  | 87.6 | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  |    |
| GE 3500  | 69.9 | 81.2                        | 83.9 | 86.2 | 87.6 | 87.6  | 88.7 | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  |    |
| GE 3000  | 72.3 | 81.7                        | 86.7 | 88.9 | 90.3 | 90.3  | 91.4 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  |    |
| GE 2500  | 72.6 | 84.4                        | 87.4 | 89.7 | 91.3 | 91.3  | 92.3 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  |    |
| GE 2000  | 72.8 | 85.5                        | 88.9 | 91.5 | 93.4 | 93.6  | 94.7 | 95.3  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |    |
| GE 1800  | 72.8 | 85.5                        | 88.9 | 91.5 | 93.4 | 93.6  | 94.7 | 95.3  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |    |
| GE 1500  | 73.0 | 85.7                        | 89.1 | 92.0 | 94.2 | 94.5  | 95.5 | 96.3  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |    |
| GE 1200  | 73.0 | 86.0                        | 89.4 | 92.2 | 94.7 | 94.9  | 96.2 | 97.2  | 97.3  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |    |
| GE 1000  | 73.0 | 86.0                        | 89.5 | 92.6 | 95.0 | 95.3  | 96.8 | 97.9  | 98.0  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |    |
| GE 900   | 73.0 | 86.0                        | 89.5 | 92.6 | 95.0 | 95.3  | 96.8 | 97.9  | 98.0  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |    |
| GE 800   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 97.9 | 98.9  | 99.1  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |    |
| GE 700   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.0 | 99.1  | 99.2  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |    |
| GE 600   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.0 | 99.1  | 99.2  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |    |
| GE 500   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.0 | 99.2  | 99.3  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |    |
| GE 400   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.0 | 99.3  | 99.5  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |    |
| GE 300   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.0 | 99.4  | 99.6  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |    |
| GE 200   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.1 | 99.5  | 99.8  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |    |
| GE 100   | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.1 | 99.5  | 99.8  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |    |
| GE 0     | 73.0 | 86.3                        | 89.8 | 93.0 | 95.9 | 96.1  | 98.1 | 99.5  | 99.8  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |    |

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 49.2                        | 52.8     | 54.8    | 56.0    | 56.9    | 57.1    | 57.3        | 57.3    | 57.3        | 57.3        | 57.3    | 57.3      | 57.3      | 57.3      | 57.3       | 57.3      |
| GE 20000              | 55.0                        | 59.3     | 61.5    | 63.2    | 64.3    | 64.5    | 64.9        | 64.9    | 64.9        | 64.9        | 65.0    | 65.0      | 65.0      | 65.0      | 65.0       | 65.0      |
| GE 18000              | 55.8                        | 60.4     | 62.5    | 64.3    | 65.4    | 65.6    | 66.0        | 66.0    | 66.0        | 66.0        | 66.1    | 66.1      | 66.1      | 66.1      | 66.1       | 66.1      |
| GE 16000              | 56.0                        | 60.6     | 62.8    | 64.5    | 65.6    | 65.8    | 66.2        | 66.2    | 66.2        | 66.2        | 66.3    | 66.3      | 66.3      | 66.3      | 66.3       | 66.3      |
| GE 14000              | 59.0                        | 64.1     | 66.2    | 68.2    | 69.3    | 69.5    | 69.9        | 69.9    | 69.9        | 69.9        | 70.0    | 70.0      | 70.0      | 70.0      | 70.0       | 70.0      |
| GE 12000              | 63.0                        | 68.3     | 70.7    | 72.9    | 74.1    | 74.3    | 74.7        | 74.7    | 74.7        | 74.7        | 74.8    | 74.8      | 74.8      | 74.8      | 74.8       | 74.8      |
| GE 10000              | 65.7                        | 71.6     | 74.0    | 76.6    | 78.3    | 78.5    | 79.2        | 79.2    | 79.2        | 79.2        | 79.3    | 79.3      | 79.3      | 79.3      | 79.3       | 79.3      |
| GE 9000               | 65.7                        | 71.6     | 74.0    | 76.6    | 78.3    | 78.5    | 79.2        | 79.2    | 79.2        | 79.2        | 79.3    | 79.3      | 79.3      | 79.3      | 79.3       | 79.3      |
| GE 8000               | 68.0                        | 74.6     | 78.3    | 81.1    | 82.7    | 83.0    | 83.7        | 83.8    | 83.8        | 83.8        | 83.9    | 83.9      | 83.9      | 83.9      | 83.9       | 83.9      |
| GE 7000               | 68.3                        | 75.1     | 78.7    | 81.7    | 83.3    | 83.6    | 84.3        | 84.4    | 84.4        | 84.4        | 84.5    | 84.5      | 84.5      | 84.5      | 84.5       | 84.5      |
| GE 6000               | 68.8                        | 75.7     | 79.4    | 82.4    | 84.0    | 84.3    | 85.0        | 85.1    | 85.1        | 85.1        | 85.2    | 85.2      | 85.2      | 85.2      | 85.2       | 85.2      |
| GE 5000               | 69.4                        | 77.1     | 81.1    | 84.0    | 86.1    | 86.3    | 87.0        | 87.1    | 87.1        | 87.1        | 87.2    | 87.2      | 87.2      | 87.2      | 87.2       | 87.2      |
| GE 4500               | 70.2                        | 77.9     | 81.9    | 84.9    | 86.9    | 87.1    | 87.8        | 87.9    | 87.9        | 87.9        | 88.1    | 88.1      | 88.1      | 88.1      | 88.1       | 88.1      |
| GE 4000               | 71.4                        | 79.7     | 84.0    | 87.1    | 89.1    | 89.4    | 90.1        | 90.2    | 90.2        | 90.2        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3       | 90.3      |
| GE 3500               | 71.5                        | 79.8     | 84.2    | 87.2    | 89.2    | 89.5    | 90.2        | 90.3    | 90.4        | 90.4        | 90.5    | 90.5      | 90.5      | 90.5      | 90.5       | 90.5      |
| GE 3000               | 72.7                        | 81.6     | 85.9    | 89.1    | 91.4    | 91.6    | 92.6        | 92.7    | 92.8        | 92.8        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9       | 92.9      |
| GE 2500               | 72.8                        | 81.8     | 86.3    | 89.6    | 92.4    | 92.7    | 93.6        | 93.7    | 93.9        | 93.9        | 94.0    | 94.0      | 94.0      | 94.0      | 94.0       | 94.0      |
| GE 2000               | 72.8                        | 83.0     | 87.5    | 91.0    | 94.2    | 94.7    | 95.7        | 95.9    | 96.0        | 96.0        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1       | 96.1      |
| GE 1800               | 72.8                        | 83.0     | 87.5    | 91.0    | 94.2    | 94.7    | 95.7        | 95.9    | 96.0        | 96.0        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1       | 96.1      |
| GE 1500               | 72.8                        | 83.1     | 87.7    | 91.6    | 95.0    | 95.5    | 96.6        | 96.7    | 96.8        | 96.8        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      |
| GE 1200               | 72.8                        | 83.5     | 88.1    | 92.0    | 95.6    | 96.1    | 97.2        | 97.3    | 97.4        | 97.4        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5       | 97.5      |
| GE 1000               | 72.8                        | 83.7     | 88.3    | 92.3    | 96.3    | 96.8    | 97.9        | 98.5    | 98.6        | 98.6        | 98.7    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      |
| GE 900                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.5    | 96.9    | 98.0        | 98.6    | 98.7        | 98.9        | 99.1    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      |
| GE 800                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.5    | 96.9    | 98.0        | 98.6    | 98.7        | 98.9        | 99.1    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      |
| GE 700                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.5    | 96.9    | 98.1        | 98.7    | 98.8        | 99.1        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 600                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.5    | 96.9    | 98.1        | 98.7    | 98.8        | 99.1        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 500                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 400                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 300                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 200                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 100                | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     |
| GE 01                 | 72.8                        | 83.7     | 88.4    | 92.4    | 96.7    | 97.2    | 98.3        | 98.9    | 99.1        | 99.5        | 99.6    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 846

GE 01 33.4 42.5 48.1 52.7 58.4 60.0 65.1 69.8 71.3 75.6 77.8 79.8 82.6 84.3 87.2 110.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |             |         |             |         |         |         |         |         |         |         |          |          |          |          |          |
|-----------------------|-----------------------------|-------------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|
|                       | GE<br>1                     | GE<br>1 1/2 | GE<br>2 | GE<br>2 1/2 | GE<br>3 | GE<br>4 | GE<br>5 | GE<br>6 | GE<br>7 | GE<br>8 | GE<br>9 | GE<br>10 | GE<br>11 | GE<br>12 | GE<br>13 | GE<br>14 |
| NO CEIL               | 49.6                        | 54.8        | 56.0    | 57.7        | 59.0    | 59.0    | 59.5    | 59.5    | 59.5    | 59.5    | 59.5    | 59.5     | 59.5     | 59.5     | 59.5     | 59.5     |
| GE 20000              | 54.6                        | 60.3        | 61.7    | 63.5        | 65.0    | 65.0    | 65.6    | 65.6    | 65.6    | 65.7    | 65.7    | 65.8     | 65.8     | 65.8     | 65.8     | 65.8     |
| GE 18000              | 56.0                        | 61.7        | 63.1    | 64.9        | 66.7    | 66.7    | 67.3    | 67.3    | 67.3    | 67.4    | 67.5    | 67.5     | 67.6     | 67.6     | 67.6     | 67.6     |
| GE 16000              | 56.0                        | 61.7        | 63.1    | 64.9        | 66.7    | 66.7    | 67.3    | 67.3    | 67.3    | 67.4    | 67.5    | 67.5     | 67.6     | 67.6     | 67.6     | 67.6     |
| GE 14000              | 57.2                        | 63.6        | 65.0    | 66.8        | 69.0    | 69.0    | 69.7    | 69.7    | 69.9    | 70.0    | 70.0    | 70.1     | 70.1     | 70.1     | 70.1     | 70.1     |
| GE 12000              | 59.6                        | 66.3        | 68.0    | 70.0        | 72.2    | 72.2    | 72.9    | 72.9    | 73.0    | 73.2    | 73.2    | 73.3     | 73.3     | 73.3     | 73.3     | 73.3     |
| GE 10000              | 62.5                        | 70.4        | 72.1    | 74.5        | 76.7    | 76.7    | 77.7    | 77.7    | 77.8    | 77.9    | 77.9    | 78.1     | 78.1     | 78.1     | 78.1     | 78.1     |
| GE 9000               | 62.5                        | 70.4        | 72.1    | 74.5        | 76.7    | 76.7    | 77.7    | 77.7    | 77.8    | 77.9    | 77.9    | 78.1     | 78.1     | 78.1     | 78.1     | 78.1     |
| GE 8000               | 65.1                        | 74.3        | 76.5    | 79.6        | 82.4    | 82.4    | 83.3    | 83.3    | 83.5    | 83.6    | 83.6    | 83.8     | 83.8     | 83.8     | 83.8     | 83.8     |
| GE 7000               | 66.0                        | 75.3        | 77.4    | 80.7        | 83.6    | 83.6    | 84.5    | 84.5    | 84.6    | 84.8    | 84.8    | 85.0     | 85.0     | 85.0     | 85.0     | 85.0     |
| GE 6000               | 67.0                        | 76.5        | 78.6    | 81.9        | 84.8    | 84.8    | 85.7    | 85.7    | 85.8    | 85.9    | 85.9    | 86.2     | 86.2     | 86.2     | 86.2     | 86.2     |
| GE 5000               | 67.6                        | 77.3        | 79.6    | 83.1        | 85.9    | 85.9    | 86.9    | 86.9    | 87.0    | 87.1    | 87.1    | 87.4     | 87.4     | 87.4     | 87.4     | 87.4     |
| GE 4500               | 68.2                        | 78.0        | 80.3    | 83.8        | 86.6    | 86.6    | 87.6    | 87.6    | 87.7    | 87.8    | 87.8    | 88.1     | 88.1     | 88.1     | 88.1     | 88.1     |
| GE 4000               | 68.9                        | 79.7        | 82.0    | 85.6        | 88.4    | 88.4    | 89.4    | 89.4    | 89.5    | 89.6    | 89.6    | 89.8     | 89.8     | 89.8     | 89.8     | 89.8     |
| GE 3500               | 69.0                        | 79.8        | 82.2    | 85.7        | 88.7    | 88.7    | 89.8    | 89.8    | 90.1    | 90.2    | 90.2    | 90.4     | 90.4     | 90.4     | 90.4     | 90.4     |
| GE 3000               | 70.2                        | 82.5        | 85.0    | 88.5        | 91.6    | 91.6    | 92.8    | 92.8    | 93.0    | 93.1    | 93.1    | 93.4     | 93.4     | 93.4     | 93.4     | 93.4     |
| GE 2500               | 70.3                        | 82.6        | 85.3    | 88.9        | 92.0    | 92.1    | 93.3    | 93.3    | 93.5    | 93.6    | 93.6    | 93.9     | 93.9     | 93.9     | 93.9     | 93.9     |
| GE 2000               | 70.6                        | 83.5        | 86.3    | 90.2        | 93.5    | 93.6    | 94.8    | 94.8    | 95.0    | 95.2    | 95.2    | 95.4     | 95.4     | 95.4     | 95.4     | 95.4     |
| GE 1800               | 70.6                        | 83.5        | 86.3    | 90.3        | 93.7    | 93.9    | 95.0    | 95.0    | 95.3    | 95.4    | 95.4    | 95.6     | 95.6     | 95.6     | 95.6     | 95.6     |
| GE 1500               | 70.9                        | 84.0        | 87.1    | 91.5        | 95.0    | 95.2    | 96.3    | 96.3    | 96.6    | 96.7    | 96.7    | 96.9     | 96.9     | 96.9     | 96.9     | 96.9     |
| GE 1200               | 70.9                        | 84.0        | 87.2    | 91.7        | 95.3    | 95.5    | 96.9    | 97.0    | 97.3    | 97.4    | 97.4    | 97.6     | 97.6     | 97.6     | 97.6     | 97.6     |
| GE 1000               | 70.9                        | 84.0        | 87.2    | 92.1        | 95.6    | 95.9    | 97.5    | 98.1    | 98.3    | 98.5    | 98.5    | 98.7     | 98.7     | 98.7     | 98.7     | 98.7     |
| GE 900                | 70.9                        | 84.0        | 87.4    | 92.2        | 95.7    | 96.0    | 97.6    | 98.2    | 98.5    | 98.6    | 98.6    | 98.8     | 98.8     | 98.8     | 98.8     | 98.8     |
| GE 800                | 70.9                        | 84.0        | 87.4    | 92.2        | 95.7    | 96.0    | 97.6    | 98.3    | 98.6    | 98.7    | 98.7    | 98.9     | 98.9     | 98.9     | 98.9     | 98.9     |
| GE 700                | 70.9                        | 84.0        | 87.4    | 92.2        | 95.9    | 96.1    | 97.8    | 98.5    | 98.7    | 98.8    | 98.8    | 99.1     | 99.1     | 99.1     | 99.1     | 99.1     |
| GE 600                | 70.9                        | 84.0        | 87.4    | 92.2        | 95.9    | 96.1    | 97.8    | 98.7    | 98.9    | 99.1    | 99.1    | 99.3     | 99.3     | 99.3     | 99.3     | 99.3     |
| GE 500                | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 400                | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 300                | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 200                | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 100                | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 01                 | 70.9                        | 84.0        | 87.4    | 92.2        | 96.3    | 96.6    | 98.5    | 99.3    | 99.5    | 99.6    | 99.6    | 99.9     | 99.9     | 99.9     | 99.9     | 110.0    |

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB HOURS(LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 47.4                        | 52.7     | 54.1    | 54.9    | 56.0    | 56.1    | 56.4        | 56.6    | 56.6        | 56.8        | 56.9    | 56.9      | 57.1      | 57.1      | 57.2       | 57.4      |
| GE 20000              | 52.8                        | 58.8     | 60.5    | 61.6    | 62.9    | 63.0    | 63.4        | 63.7    | 63.8        | 64.0        | 64.2    | 64.2      | 64.4      | 64.4      | 64.5       | 64.7      |
| GE 18000              | 53.3                        | 59.4     | 61.1    | 62.2    | 63.6    | 63.7    | 64.1        | 64.4    | 64.5        | 64.7        | 64.9    | 64.9      | 65.1      | 65.2      | 65.2       | 65.5      |
| GE 16000              | 53.5                        | 59.6     | 61.3    | 62.4    | 63.8    | 63.9    | 64.3        | 64.6    | 64.7        | 64.9        | 65.1    | 65.1      | 65.3      | 65.4      | 65.4       | 65.7      |
| GE 14000              | 55.1                        | 61.4     | 63.2    | 64.4    | 65.9    | 66.0    | 66.5        | 66.8    | 66.9        | 67.1        | 67.3    | 67.3      | 67.5      | 67.5      | 67.6       | 67.9      |
| GE 12000              | 57.5                        | 64.3     | 66.2    | 67.5    | 69.0    | 69.2    | 69.6        | 69.9    | 70.0        | 70.3        | 70.4    | 70.5      | 70.7      | 70.7      | 70.8       | 71.0      |
| GE 10000              | 60.2                        | 68.1     | 70.0    | 71.5    | 73.1    | 73.3    | 73.9        | 74.4    | 74.4        | 74.8        | 75.0    | 75.1      | 75.3      | 75.3      | 75.4       | 75.6      |
| GE 9000               | 60.3                        | 68.2     | 70.1    | 71.6    | 73.2    | 73.4    | 74.0        | 74.5    | 74.6        | 74.9        | 75.1    | 75.2      | 75.4      | 75.4      | 75.5       | 75.8      |
| GE 8000               | 62.8                        | 71.6     | 73.9    | 75.5    | 77.4    | 77.6    | 78.2        | 78.8    | 78.8        | 79.2        | 79.4    | 79.5      | 79.7      | 79.7      | 79.8       | 80.1      |
| GE 7000               | 63.4                        | 72.5     | 74.9    | 76.6    | 78.6    | 78.8    | 79.4        | 79.9    | 80.0        | 80.3        | 80.5    | 80.6      | 80.8      | 80.8      | 80.9       | 81.2      |
| GE 6000               | 64.0                        | 73.1     | 75.6    | 77.4    | 79.3    | 79.6    | 80.2        | 80.8    | 80.9        | 81.2        | 81.4    | 81.5      | 81.7      | 81.7      | 81.8       | 82.1      |
| GE 5000               | 65.0                        | 74.5     | 77.1    | 79.0    | 81.1    | 81.3    | 82.0        | 82.6    | 82.7        | 83.1        | 83.3    | 83.4      | 83.6      | 83.6      | 83.7       | 84.0      |
| GE 4500               | 65.3                        | 74.9     | 77.5    | 79.4    | 81.5    | 81.7    | 82.5        | 83.0    | 83.1        | 83.5        | 83.8    | 83.8      | 84.0      | 84.1      | 84.1       | 84.4      |
| GE 4000               | 66.8                        | 77.0     | 79.9    | 81.9    | 84.1    | 84.3    | 85.2        | 85.8    | 85.9        | 86.3        | 86.5    | 86.6      | 86.8      | 86.8      | 86.9       | 87.2      |
| GE 3500               | 67.2                        | 77.6     | 80.5    | 82.5    | 84.8    | 85.0    | 85.9        | 86.5    | 86.7        | 87.0        | 87.3    | 87.3      | 87.5      | 87.6      | 87.7       | 88.0      |
| GE 3000               | 69.0                        | 80.1     | 83.2    | 85.3    | 87.7    | 88.0    | 88.9        | 89.6    | 89.8        | 90.2        | 90.4    | 90.4      | 90.7      | 90.7      | 90.8       | 91.1      |
| GE 2500               | 69.4                        | 81.0     | 84.1    | 86.3    | 88.8    | 89.1    | 90.1        | 90.8    | 90.9        | 91.3        | 91.5    | 91.6      | 91.8      | 91.8      | 91.9       | 92.2      |
| GE 2000               | 69.7                        | 81.8     | 85.2    | 87.6    | 90.5    | 90.8    | 91.9        | 92.7    | 92.9        | 93.3        | 93.5    | 93.6      | 93.8      | 93.8      | 93.9       | 94.2      |
| GE 1800               | 69.7                        | 81.9     | 85.2    | 87.6    | 90.6    | 90.9    | 92.0        | 92.8    | 93.0        | 93.4        | 93.6    | 93.7      | 93.9      | 93.9      | 94.0       | 94.3      |
| GE 1500               | 70.0                        | 82.3     | 85.7    | 88.3    | 91.5    | 91.8    | 93.0        | 93.9    | 94.0        | 94.5        | 94.7    | 94.8      | 95.0      | 95.0      | 95.1       | 95.4      |
| GE 1200               | 70.0                        | 82.4     | 85.9    | 88.5    | 91.9    | 92.3    | 93.5        | 94.4    | 94.6        | 95.1        | 95.4    | 95.4      | 95.6      | 95.7      | 95.7       | 96.0      |
| GE 1000               | 70.0                        | 82.5     | 86.0    | 88.8    | 92.3    | 92.6    | 94.0        | 95.0    | 95.2        | 95.7        | 96.0    | 96.0      | 96.3      | 96.3      | 96.4       | 96.7      |
| GE 900                | 70.0                        | 82.5     | 86.1    | 89.0    | 92.5    | 92.9    | 94.2        | 95.3    | 95.5        | 96.0        | 96.3    | 96.3      | 96.6      | 96.6      | 96.7       | 97.0      |
| GE 800                | 70.0                        | 82.7     | 86.2    | 89.2    | 92.8    | 93.1    | 94.5        | 95.7    | 95.9        | 96.4        | 96.7    | 96.8      | 97.0      | 97.0      | 97.1       | 97.4      |
| GE 700                | 70.0                        | 82.7     | 86.3    | 89.2    | 92.9    | 93.3    | 94.7        | 95.9    | 96.1        | 96.7        | 97.0    | 97.1      | 97.3      | 97.3      | 97.4       | 97.7      |
| GE 600                | 70.0                        | 82.7     | 86.3    | 89.2    | 92.9    | 93.3    | 94.7        | 96.0    | 96.3        | 96.8        | 97.1    | 97.2      | 97.4      | 97.5      | 97.6       | 97.9      |
| GE 500                | 70.0                        | 82.7     | 86.3    | 89.2    | 93.0    | 93.4    | 94.9        | 96.3    | 96.5        | 97.2        | 97.5    | 97.6      | 97.8      | 97.9      | 98.0       | 98.3      |
| GE 400                | 70.0                        | 82.7     | 86.3    | 89.3    | 93.0    | 93.5    | 95.0        | 96.4    | 96.7        | 97.4        | 97.7    | 97.8      | 98.1      | 98.2      | 98.3       | 98.6      |
| GE 300                | 70.0                        | 82.7     | 86.3    | 89.3    | 93.0    | 93.5    | 95.0        | 96.5    | 96.8        | 97.4        | 97.9    | 98.0      | 98.4      | 98.5      | 98.6       | 98.9      |
| GE 200                | 70.0                        | 82.7     | 86.3    | 89.3    | 93.0    | 93.5    | 95.0        | 96.5    | 96.8        | 97.5        | 97.9    | 98.0      | 98.5      | 98.6      | 98.8       | 99.5      |
| GE 100                | 70.0                        | 82.7     | 86.3    | 89.3    | 93.0    | 93.5    | 95.0        | 96.5    | 96.8        | 97.5        | 97.9    | 98.1      | 98.5      | 98.7      | 98.9       | 99.9      |
| GE 0                  | 70.0                        | 82.7     | 86.3    | 89.3    | 93.0    | 93.5    | 95.0        | 96.5    | 96.8        | 97.5        | 97.9    | 98.1      | 98.5      | 98.7      | 98.9       | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 6784

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 59.8                        | 61.8    | 63.7    | 63.9    | 64.3    | 64.3        | 64.4    | 64.4        | 64.4        | 64.5    | 64.5      | 64.5      | 64.5      | 64.5       | 64.6      |
| GE 20000              | 63.7                        | 65.9    | 67.7    | 68.0    | 68.4    | 68.4        | 68.5    | 68.5        | 68.5        | 68.6    | 68.6      | 68.6      | 68.6      | 68.6       | 68.7      |
| GE 18000              | 64.0                        | 66.2    | 68.1    | 68.3    | 68.7    | 68.7        | 68.8    | 68.8        | 68.8        | 68.9    | 68.9      | 68.9      | 68.9      | 68.9       | 69.0      |
| GE 16000              | 64.1                        | 66.3    | 68.2    | 68.4    | 68.8    | 68.8        | 68.9    | 68.9        | 68.9        | 69.0    | 69.0      | 69.0      | 69.0      | 69.0       | 69.1      |
| GE 14000              | 65.1                        | 67.3    | 69.2    | 69.6    | 70.0    | 70.0        | 70.1    | 70.1        | 70.1        | 70.2    | 70.2      | 70.2      | 70.2      | 70.2       | 70.3      |
| GE 12000              | 67.1                        | 69.4    | 71.3    | 71.6    | 72.0    | 72.0        | 72.2    | 72.2        | 72.2        | 72.3    | 72.3      | 72.3      | 72.3      | 72.3       | 72.4      |
| GE 10000              | 70.4                        | 72.8    | 74.7    | 75.1    | 75.5    | 75.5        | 75.6    | 75.6        | 75.6        | 75.7    | 75.7      | 75.7      | 75.7      | 75.7       | 75.8      |
| GE 9000               | 70.6                        | 73.1    | 75.1    | 75.4    | 75.8    | 75.8        | 75.9    | 75.9        | 75.9        | 76.0    | 76.0      | 76.0      | 76.0      | 76.0       | 76.1      |
| GE 8000               | 72.8                        | 75.9    | 78.2    | 78.7    | 79.2    | 79.2        | 79.4    | 79.4        | 79.4        | 79.5    | 79.5      | 79.5      | 79.5      | 79.5       | 79.6      |
| GE 7000               | 74.0                        | 77.3    | 79.6    | 80.1    | 80.6    | 80.6        | 80.8    | 80.8        | 80.8        | 80.9    | 80.9      | 80.9      | 80.9      | 80.9       | 81.0      |
| GE 6000               | 74.3                        | 77.6    | 80.0    | 80.6    | 81.2    | 81.2        | 81.4    | 81.4        | 81.4        | 81.5    | 81.5      | 81.5      | 81.5      | 81.5       | 81.6      |
| GE 5000               | 75.9                        | 79.5    | 81.9    | 82.6    | 83.1    | 83.1        | 83.3    | 83.3        | 83.3        | 83.4    | 83.4      | 83.4      | 83.4      | 83.4       | 83.5      |
| GE 4500               | 77.6                        | 81.2    | 83.8    | 84.6    | 85.2    | 85.2        | 85.4    | 85.4        | 85.4        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5       | 85.6      |
| GE 4000               | 81.0                        | 86.3    | 89.2    | 90.1    | 90.8    | 90.8        | 91.0    | 91.0        | 91.0        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.2      |
| GE 3500               | 81.3                        | 87.1    | 90.0    | 90.9    | 91.7    | 91.7        | 91.9    | 91.9        | 91.9        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0       | 92.2      |
| GE 3000               | 83.9                        | 91.0    | 94.1    | 95.1    | 96.0    | 96.0        | 96.2    | 96.2        | 96.2        | 96.5    | 96.5      | 96.5      | 96.5      | 96.5       | 96.6      |
| GE 2500               | 84.4                        | 91.7    | 94.9    | 95.9    | 96.9    | 97.0        | 97.2    | 97.2        | 97.2        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4       | 97.5      |
| GE 2000               | 84.5                        | 92.3    | 95.5    | 96.5    | 97.4    | 97.5        | 97.7    | 97.7        | 97.8        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1       | 98.2      |
| GE 1800               | 84.8                        | 92.6    | 95.8    | 96.8    | 97.7    | 98.0        | 98.2    | 98.3        | 98.3        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.6      |
| GE 1500               | 85.2                        | 93.2    | 96.6    | 97.5    | 98.5    | 98.7        | 98.9    | 99.0        | 99.0        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.4      |
| GE 1200               | 85.2                        | 93.2    | 96.6    | 97.5    | 98.5    | 98.7        | 99.0    | 99.1        | 99.1        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.5      |
| GE 1000               | 85.2                        | 93.2    | 96.6    | 97.5    | 98.5    | 98.7        | 99.0    | 99.1        | 99.1        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.5      |
| GE 900                | 85.3                        | 93.3    | 96.7    | 97.6    | 98.6    | 98.8        | 99.1    | 99.2        | 99.2        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.6      |
| GE 800                | 85.3                        | 93.3    | 96.7    | 97.6    | 98.6    | 98.8        | 99.1    | 99.2        | 99.2        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.6      |
| GE 700                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 600                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 500                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 400                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 300                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 200                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 100                | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |
| GE 01                 | 85.3                        | 93.3    | 96.8    | 97.7    | 98.7    | 98.9        | 99.2    | 99.4        | 99.4        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 53.0                        | 55.9     | 57.5    | 57.6    | 58.0    | 58.0    | 58.2        | 58.2    | 58.3        | 58.3        | 58.5    | 58.5      | 58.7      | 58.7      | 58.7       | 59.0      |
| GE 20000              | 57.4                        | 60.9     | 62.5    | 62.6    | 62.9    | 62.9    | 63.1        | 63.1    | 63.2        | 63.2        | 63.4    | 63.4      | 63.7      | 63.7      | 63.7       | 64.0      |
| GE 18000              | 57.5                        | 61.0     | 62.8    | 62.9    | 63.2    | 63.2    | 63.4        | 63.4    | 63.5        | 63.5        | 63.8    | 63.8      | 64.0      | 64.0      | 64.0       | 64.3      |
| GE 16000              | 57.7                        | 61.2     | 63.0    | 63.1    | 63.4    | 63.4    | 63.7        | 63.7    | 63.8        | 63.8        | 64.0    | 64.0      | 64.2      | 64.2      | 64.2       | 64.5      |
| GE 14000              | 58.5                        | 62.2     | 64.0    | 64.1    | 64.4    | 64.4    | 64.6        | 64.6    | 64.7        | 64.7        | 64.9    | 64.9      | 65.2      | 65.2      | 65.2       | 65.5      |
| GE 12000              | 61.1                        | 64.8     | 66.7    | 66.8    | 67.1    | 67.1    | 67.3        | 67.3    | 67.4        | 67.4        | 67.6    | 67.6      | 67.8      | 67.8      | 67.8       | 68.2      |
| GE 10000              | 64.1                        | 67.8     | 69.7    | 69.8    | 70.1    | 70.1    | 70.3        | 70.3    | 70.4        | 70.4        | 70.6    | 70.6      | 70.9      | 70.9      | 70.9       | 71.2      |
| GE 9000               | 64.3                        | 68.1     | 69.9    | 70.0    | 70.3    | 70.3    | 70.5        | 70.5    | 70.6        | 70.6        | 70.9    | 70.9      | 71.1      | 71.1      | 71.1       | 71.4      |
| GE 8000               | 67.2                        | 71.5     | 73.9    | 74.1    | 74.8    | 74.8    | 75.1        | 75.1    | 75.2        | 75.2        | 75.4    | 75.4      | 75.6      | 75.6      | 75.6       | 75.9      |
| GE 7000               | 68.6                        | 73.0     | 75.4    | 75.6    | 76.3    | 76.3    | 76.6        | 76.6    | 76.7        | 76.7        | 76.9    | 76.9      | 77.1      | 77.1      | 77.1       | 77.4      |
| GE 6000               | 69.4                        | 73.8     | 76.2    | 76.5    | 77.4    | 77.4    | 77.7        | 77.7    | 77.8        | 77.8        | 78.1    | 78.1      | 78.3      | 78.3      | 78.3       | 78.6      |
| GE 5000               | 70.4                        | 75.3     | 77.8    | 78.1    | 79.0    | 79.0    | 79.4        | 79.4    | 79.5        | 79.5        | 79.7    | 79.7      | 79.9      | 79.9      | 79.9       | 80.2      |
| GE 4500               | 72.8                        | 77.7     | 80.3    | 80.5    | 81.6    | 81.6    | 81.9        | 81.9    | 82.0        | 82.3        | 82.5    | 82.5      | 82.7      | 82.7      | 82.7       | 83.0      |
| GE 4000               | 77.2                        | 82.6     | 86.0    | 86.3    | 87.5    | 87.5    | 87.8        | 87.8    | 88.0        | 88.2        | 88.4    | 88.4      | 88.6      | 88.6      | 88.6       | 88.9      |
| GE 3500               | 77.7                        | 83.9     | 87.3    | 87.7    | 88.9    | 88.9    | 89.2        | 89.2    | 89.4        | 89.6        | 89.8    | 89.8      | 90.0      | 90.0      | 90.0       | 90.3      |
| GE 3000               | 79.4                        | 86.0     | 89.9    | 90.9    | 92.4    | 92.4    | 92.9        | 92.9    | 93.0        | 93.2        | 93.4    | 93.4      | 93.7      | 93.7      | 93.7       | 94.0      |
| GE 2500               | 80.1                        | 87.1     | 91.2    | 92.0    | 93.7    | 93.7    | 94.2        | 94.2    | 94.3        | 94.5        | 94.7    | 94.7      | 94.9      | 94.9      | 94.9       | 95.3      |
| GE 2000               | 81.0                        | 88.1     | 92.3    | 93.1    | 94.7    | 94.8    | 95.4        | 95.4    | 95.5        | 95.8        | 96.0    | 96.0      | 96.2      | 96.2      | 96.2       | 96.6      |
| GE 1800               | 81.0                        | 88.1     | 92.3    | 93.1    | 94.8    | 94.9    | 95.5        | 95.5    | 95.6        | 95.9        | 96.1    | 96.1      | 96.3      | 96.3      | 96.3       | 96.7      |
| GE 1500               | 82.0                        | 89.4     | 93.5    | 94.4    | 96.3    | 96.5    | 97.0        | 97.0    | 97.1        | 97.4        | 97.6    | 97.6      | 98.0      | 98.0      | 98.0       | 98.3      |
| GE 1200               | 82.3                        | 89.7     | 94.1    | 94.9    | 96.9    | 97.0    | 97.5        | 97.5    | 97.6        | 98.0        | 98.2    | 98.2      | 98.5      | 98.5      | 98.5       | 98.8      |
| GE 1000               | 82.3                        | 89.7     | 94.2    | 95.1    | 97.0    | 97.1    | 97.6        | 97.6    | 97.7        | 98.1        | 98.3    | 98.3      | 98.6      | 98.6      | 98.6       | 98.9      |
| GE 900                | 82.3                        | 89.7     | 94.2    | 95.1    | 97.0    | 97.1    | 97.6        | 97.6    | 97.7        | 98.1        | 98.3    | 98.3      | 98.6      | 98.6      | 98.6       | 98.9      |
| GE 800                | 82.3                        | 89.7     | 94.2    | 95.2    | 97.1    | 97.2    | 97.7        | 97.7    | 97.8        | 98.2        | 98.4    | 98.4      | 98.7      | 98.7      | 98.7       | 99.0      |
| GE 700                | 82.3                        | 89.8     | 94.3    | 95.4    | 97.3    | 97.4    | 98.0        | 98.0    | 98.1        | 98.4        | 98.6    | 98.6      | 98.9      | 98.9      | 98.9       | 99.2      |
| GE 600                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.2        | 98.2    | 98.3        | 98.6        | 98.8    | 98.8      | 99.1      | 99.1      | 99.1       | 99.5      |
| GE 500                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.3    | 98.4        | 98.7        | 98.9    | 98.9      | 99.2      | 99.2      | 99.2       | 99.7      |
| GE 400                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.3    | 98.4        | 98.7        | 98.9    | 98.9      | 99.5      | 99.5      | 99.5       | 99.9      |
| GE 300                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.4    | 98.5        | 98.8        | 99.0    | 99.0      | 99.6      | 99.6      | 99.6       | 100.0     |
| GE 200                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.4    | 98.5        | 98.8        | 99.0    | 99.0      | 99.6      | 99.6      | 99.6       | 100.0     |
| GE 100                | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.4    | 98.5        | 98.8        | 99.0    | 99.0      | 99.6      | 99.6      | 99.6       | 100.0     |
| GE 0                  | 82.3                        | 89.9     | 94.4    | 95.6    | 97.5    | 97.6    | 98.3        | 98.4    | 98.5        | 98.8        | 99.0    | 99.0      | 99.6      | 99.6      | 99.6       | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74516D STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |  |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |  |
| NO CEIL               | 45.7                        | 48.2    | 49.2    | 49.6    | 50.3    | 50.5        | 51.1    | 51.4        | 51.5        | 51.6    | 51.6      | 51.6      | 51.6      | 51.6       | 51.7      | 52.2    |  |
| GE 20000              | 51.6                        | 54.2    | 55.3    | 55.7    | 56.5    | 56.7        | 57.2    | 57.5        | 57.6        | 57.8    | 57.8      | 57.8      | 57.8      | 57.8       | 58.0      | 58.4    |  |
| GE 18000              | 51.6                        | 54.2    | 55.3    | 55.7    | 56.5    | 56.7        | 57.2    | 57.5        | 57.6        | 57.8    | 57.8      | 57.8      | 57.8      | 57.8       | 58.0      | 58.4    |  |
| GE 16000              | 51.7                        | 54.3    | 55.4    | 55.8    | 56.6    | 56.8        | 57.3    | 57.6        | 57.7        | 58.0    | 58.0      | 58.0      | 58.0      | 58.0       | 58.1      | 58.5    |  |
| GE 14000              | 53.0                        | 55.8    | 56.9    | 57.3    | 58.1    | 58.3        | 58.8    | 59.1        | 59.2        | 59.5    | 59.5      | 59.5      | 59.5      | 59.5       | 59.6      | 60.0    |  |
| GE 12000              | 54.8                        | 57.6    | 58.7    | 59.1    | 59.9    | 60.1        | 60.6    | 61.0        | 61.1        | 61.3    | 61.3      | 61.3      | 61.3      | 61.3       | 61.4      | 61.8    |  |
| GE 10000              | 58.0                        | 61.1    | 62.4    | 62.9    | 63.8    | 64.0        | 64.5    | 64.8        | 64.9        | 65.2    | 65.2      | 65.2      | 65.2      | 65.2       | 65.4      | 65.8    |  |
| GE 9000               | 58.1                        | 61.3    | 62.6    | 63.1    | 64.0    | 64.2        | 64.7    | 65.1        | 65.2        | 65.4    | 65.4      | 65.4      | 65.4      | 65.4       | 65.6      | 66.0    |  |
| GE 8000               | 61.2                        | 64.8    | 66.1    | 66.7    | 67.8    | 68.1        | 68.7    | 69.0        | 69.1        | 69.5    | 69.5      | 69.5      | 69.6      | 69.6       | 69.8      | 70.2    |  |
| GE 7000               | 62.6                        | 66.3    | 67.7    | 68.3    | 69.5    | 69.7        | 70.3    | 70.6        | 70.8        | 71.1    | 71.2      | 71.2      | 71.3      | 71.3       | 71.5      | 71.9    |  |
| GE 6000               | 63.8                        | 67.5    | 69.1    | 69.7    | 70.9    | 71.1        | 71.7    | 72.0        | 72.2        | 72.5    | 72.6      | 72.6      | 72.7      | 72.7       | 72.9      | 73.3    |  |
| GE 5000               | 64.6                        | 68.5    | 70.2    | 70.9    | 72.0    | 72.3        | 72.9    | 73.2        | 73.3        | 73.7    | 73.8      | 73.8      | 73.9      | 73.9       | 74.1      | 74.5    |  |
| GE 4500               | 65.8                        | 69.7    | 71.4    | 72.0    | 73.2    | 73.4        | 74.1    | 74.4        | 74.5        | 74.8    | 74.9      | 74.9      | 75.1      | 75.1       | 75.3      | 75.7    |  |
| GE 4000               | 71.3                        | 75.8    | 78.0    | 78.7    | 80.1    | 80.3        | 81.0    | 81.3        | 81.4        | 81.7    | 81.9      | 81.9      | 82.0      | 82.0       | 82.3      | 82.7    |  |
| GE 3500               | 72.3                        | 77.1    | 79.2    | 80.0    | 81.4    | 81.6        | 82.3    | 82.6        | 82.7        | 83.0    | 83.2      | 83.2      | 83.3      | 83.3       | 83.5      | 84.0    |  |
| GE 3000               | 75.5                        | 82.0    | 84.5    | 85.9    | 87.4    | 87.6        | 88.3    | 88.6        | 88.7        | 89.0    | 89.2      | 89.2      | 89.5      | 89.5       | 89.7      | 90.1    |  |
| GE 2500               | 75.9                        | 82.8    | 85.7    | 87.2    | 88.8    | 89.0        | 89.7    | 90.0        | 90.1        | 90.4    | 90.6      | 90.6      | 90.9      | 90.9       | 91.1      | 91.5    |  |
| GE 2000               | 76.8                        | 83.9    | 87.1    | 88.9    | 90.6    | 91.0        | 91.6    | 91.9        | 92.0        | 92.4    | 92.6      | 92.7      | 92.9      | 92.9       | 93.1      | 93.5    |  |
| GE 1800               | 77.0                        | 84.2    | 87.4    | 89.2    | 91.0    | 91.3        | 91.9    | 92.3        | 92.4        | 92.7    | 92.9      | 93.0      | 93.2      | 93.2       | 93.4      | 93.9    |  |
| GE 1500               | 77.3                        | 84.6    | 87.8    | 89.7    | 91.5    | 91.9        | 92.7    | 93.0        | 93.1        | 93.5    | 93.9      | 94.0      | 94.2      | 94.2       | 94.5      | 94.9    |  |
| GE 1200               | 77.5                        | 85.1    | 88.5    | 90.3    | 92.3    | 92.7        | 93.4    | 93.8        | 93.9        | 94.3    | 94.6      | 94.7      | 94.9      | 94.9       | 95.3      | 95.7    |  |
| GE 1000               | 77.7                        | 85.4    | 88.8    | 90.6    | 92.6    | 93.0        | 93.8    | 94.2        | 94.3        | 94.8    | 95.2      | 95.3      | 95.5      | 95.5       | 95.8      | 96.3    |  |
| GE 900                | 77.7                        | 85.6    | 89.0    | 90.9    | 92.8    | 93.2        | 94.0    | 94.4        | 94.5        | 95.1    | 95.4      | 95.5      | 95.7      | 95.7       | 96.0      | 96.6    |  |
| GE 800                | 78.0                        | 85.8    | 89.2    | 91.2    | 93.1    | 93.5        | 94.3    | 94.7        | 94.8        | 95.4    | 95.7      | 95.8      | 96.0      | 96.0       | 96.3      | 96.9    |  |
| GE 700                | 78.0                        | 85.8    | 89.2    | 91.3    | 93.2    | 93.7        | 94.5    | 94.9        | 95.1        | 95.6    | 95.9      | 96.0      | 96.2      | 96.2       | 96.6      | 97.1    |  |
| GE 600                | 78.1                        | 85.9    | 89.6    | 91.8    | 93.8    | 94.2        | 95.1    | 95.5        | 95.6        | 96.1    | 96.5      | 96.6      | 96.8      | 96.8       | 97.1      | 97.6    |  |
| GE 500                | 78.1                        | 86.0    | 89.7    | 91.9    | 94.1    | 94.5        | 95.5    | 95.9        | 96.0        | 96.6    | 96.9      | 97.0      | 97.2      | 97.2       | 97.5      | 98.1    |  |
| GE 400                | 78.1                        | 86.1    | 89.9    | 92.3    | 94.5    | 95.1        | 96.0    | 96.5        | 96.6        | 97.1    | 97.5      | 97.6      | 97.8      | 97.8       | 98.2      | 98.7    |  |
| GE 300                | 78.1                        | 86.1    | 89.9    | 92.4    | 94.6    | 95.2        | 96.1    | 96.6        | 96.7        | 97.2    | 97.7      | 97.8      | 98.1      | 98.1       | 98.4      | 98.9    |  |
| GE 200                | 78.1                        | 86.1    | 89.9    | 92.4    | 94.6    | 95.2        | 96.1    | 96.6        | 96.7        | 97.3    | 98.1      | 98.2      | 98.5      | 98.5       | 98.9      | 99.9    |  |
| GE 100                | 78.1                        | 86.1    | 89.9    | 92.4    | 94.6    | 95.2        | 96.1    | 96.6        | 96.7        | 97.3    | 98.1      | 98.2      | 98.5      | 98.5       | 98.9      | 100.0   |  |
| GE 0                  | 78.1                        | 86.1    | 89.9    | 92.4    | 94.6    | 95.2        | 96.1    | 96.6        | 96.7        | 97.3    | 98.1      | 98.2      | 98.5      | 98.5       | 98.9      | 100.0   |  |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 47.5                        | 50.3    | 50.6    | 51.0    | 51.4    | 51.4        | 51.7    | 52.0        | 52.0        | 52.0    | 52.0      | 52.2      | 52.3      | 52.3       | 52.3      | 52.3    |
| GE 20000              | 54.0                        | 57.3    | 57.6    | 58.1    | 58.5    | 58.5        | 58.8    | 59.1        | 59.1        | 59.1    | 59.1      | 59.2      | 59.4      | 59.4       | 59.4      | 59.4    |
| GE 18000              | 54.0                        | 57.4    | 57.7    | 58.2    | 58.6    | 58.6        | 58.9    | 59.2        | 59.2        | 59.2    | 59.2      | 59.4      | 59.5      | 59.5       | 59.5      | 59.5    |
| GE 16000              | 54.0                        | 57.4    | 57.7    | 58.2    | 58.6    | 58.6        | 58.9    | 59.2        | 59.2        | 59.2    | 59.2      | 59.4      | 59.5      | 59.5       | 59.5      | 59.5    |
| GE 14000              | 55.3                        | 58.7    | 59.0    | 59.5    | 59.9    | 59.9        | 60.2    | 60.5        | 60.5        | 60.5    | 60.5      | 60.6      | 60.8      | 60.8       | 60.8      | 60.8    |
| GE 12000              | 57.2                        | 60.8    | 61.1    | 61.5    | 61.9    | 61.9        | 62.3    | 62.6        | 62.6        | 62.6    | 62.6      | 62.7      | 62.8      | 62.8       | 62.8      | 62.8    |
| GE 10000              | 60.2                        | 64.2    | 64.5    | 64.9    | 65.4    | 65.4        | 65.7    | 66.0        | 66.0        | 66.0    | 66.0      | 66.1      | 66.3      | 66.3       | 66.3      | 66.3    |
| GE 9000               | 60.5                        | 64.5    | 64.8    | 65.3    | 65.7    | 65.7        | 66.0    | 66.3        | 66.3        | 66.3    | 66.3      | 66.5      | 66.7      | 66.7       | 66.7      | 66.7    |
| GE 8000               | 64.7                        | 69.4    | 69.7    | 70.1    | 70.5    | 70.6        | 71.0    | 71.3        | 71.4        | 71.4    | 71.4      | 71.5      | 71.7      | 71.7       | 71.7      | 71.7    |
| GE 7000               | 65.5                        | 70.1    | 70.4    | 70.9    | 71.3    | 71.4        | 71.7    | 72.0        | 72.2        | 72.2    | 72.2      | 72.3      | 72.5      | 72.5       | 72.5      | 72.5    |
| GE 6000               | 65.9                        | 70.6    | 71.0    | 71.4    | 71.8    | 71.9        | 72.3    | 72.6        | 72.7        | 72.7    | 72.7      | 72.8      | 73.0      | 73.0       | 73.0      | 73.0    |
| GE 5000               | 66.9                        | 71.7    | 72.0    | 72.5    | 73.0    | 73.1        | 73.5    | 73.9        | 74.0        | 74.0    | 74.0      | 74.1      | 74.3      | 74.3       | 74.3      | 74.3    |
| GE 4500               | 67.8                        | 72.9    | 73.2    | 73.7    | 74.2    | 74.3        | 74.7    | 75.1        | 75.2        | 75.2    | 75.2      | 75.3      | 75.5      | 75.5       | 75.5      | 75.5    |
| GE 4000               | 71.4                        | 78.3    | 78.9    | 79.5    | 80.2    | 80.3        | 80.9    | 81.2        | 81.3        | 81.3    | 81.3      | 81.4      | 81.6      | 81.6       | 81.6      | 81.6    |
| GE 3500               | 72.4                        | 79.7    | 80.3    | 80.9    | 81.6    | 81.7        | 82.3    | 82.6        | 82.7        | 82.7    | 82.7      | 82.8      | 83.0      | 83.0       | 83.0      | 83.0    |
| GE 3000               | 75.7                        | 85.2    | 86.0    | 86.7    | 87.5    | 87.6        | 88.2    | 88.6        | 88.7        | 88.7    | 88.7      | 88.8      | 89.0      | 89.0       | 89.0      | 89.0    |
| GE 2500               | 76.6                        | 86.3    | 87.2    | 87.8    | 88.7    | 88.8        | 89.4    | 89.8        | 89.9        | 89.9    | 89.9      | 90.0      | 90.2      | 90.2       | 90.2      | 90.2    |
| GE 2000               | 77.5                        | 88.3    | 89.7    | 90.4    | 91.3    | 91.4        | 92.0    | 92.5        | 92.6        | 92.6    | 92.6      | 92.7      | 92.9      | 92.9       | 92.9      | 92.9    |
| GE 1800               | 77.5                        | 88.3    | 89.7    | 90.4    | 91.3    | 91.4        | 92.0    | 92.5        | 92.6        | 92.6    | 92.6      | 92.7      | 92.9      | 92.9       | 92.9      | 92.9    |
| GE 1500               | 78.3                        | 89.4    | 91.0    | 91.8    | 92.8    | 93.0        | 93.7    | 94.1        | 94.2        | 94.2    | 94.2      | 94.3      | 94.5      | 94.5       | 94.5      | 94.5    |
| GE 1200               | 78.6                        | 89.9    | 91.8    | 92.7    | 93.7    | 93.9        | 94.5    | 94.9        | 95.1        | 95.1    | 95.1      | 95.2      | 95.4      | 95.4       | 95.4      | 95.4    |
| GE 1000               | 79.1                        | 90.5    | 92.7    | 93.5    | 94.6    | 94.9        | 95.6    | 96.1        | 96.2        | 96.2    | 96.2      | 96.3      | 96.6      | 96.6       | 96.6      | 96.6    |
| GE 900                | 79.2                        | 90.6    | 92.8    | 93.7    | 94.7    | 95.1        | 95.7    | 96.2        | 96.3        | 96.3    | 96.3      | 96.5      | 96.7      | 96.7       | 96.7      | 96.7    |
| GE 800                | 79.2                        | 90.9    | 93.1    | 94.3    | 95.6    | 95.9        | 96.7    | 97.2        | 97.3        | 97.3    | 97.3      | 97.4      | 97.6      | 97.6       | 97.6      | 97.6    |
| GE 700                | 79.2                        | 91.0    | 93.2    | 94.6    | 95.9    | 96.2        | 97.1    | 97.6        | 97.7        | 97.7    | 97.7      | 97.7      | 97.8      | 98.1       | 98.1      | 98.1    |
| GE 600                | 79.4                        | 91.1    | 93.3    | 94.9    | 96.3    | 96.8        | 97.6    | 98.3        | 98.4        | 98.4    | 98.4      | 98.5      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 500                | 79.4                        | 91.1    | 93.4    | 95.2    | 96.6    | 97.0        | 98.0    | 98.6        | 98.7        | 98.7    | 98.7      | 98.8      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 400                | 79.4                        | 91.1    | 93.4    | 95.2    | 96.7    | 97.1        | 98.1    | 98.8        | 98.9        | 98.9    | 98.9      | 99.0      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 300                | 79.4                        | 91.1    | 93.4    | 95.2    | 96.8    | 97.2        | 98.2    | 99.1        | 99.2        | 99.2    | 99.2      | 99.4      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 200                | 79.4                        | 91.1    | 93.4    | 95.2    | 96.8    | 97.2        | 98.2    | 99.1        | 99.2        | 99.4    | 99.6      | 99.7      | 99.9      | 99.9       | 99.9      | 100.0   |
| GE 100                | 79.4                        | 91.1    | 93.4    | 95.2    | 96.8    | 97.2        | 98.2    | 99.1        | 99.2        | 99.4    | 99.6      | 99.7      | 99.9      | 99.9       | 99.9      | 100.0   |
| GE 01                 | 79.4                        | 91.1    | 93.4    | 95.2    | 96.8    | 97.2        | 98.2    | 99.1        | 99.2        | 99.4    | 99.6      | 99.7      | 99.9      | 99.9       | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 45.6                        | 48.5    | 48.8    | 49.1    | 49.4    | 49.4        | 49.4    | 49.4        | 49.4        | 49.4    | 49.4      | 49.4      | 49.4      | 49.4       | 49.4      |
| GE 20000              | 55.4                        | 58.8    | 59.2    | 59.9    | 60.1    | 60.1        | 60.1    | 60.1        | 60.1        | 60.1    | 60.1      | 60.1      | 60.1      | 60.1       | 60.1      |
| GE 18000              | 55.7                        | 59.1    | 59.6    | 60.2    | 60.4    | 60.4        | 60.4    | 60.4        | 60.4        | 60.4    | 60.4      | 60.4      | 60.4      | 60.4       | 60.4      |
| GE 16000              | 55.9                        | 59.4    | 59.8    | 60.4    | 60.6    | 60.6        | 60.6    | 60.6        | 60.6        | 60.6    | 60.6      | 60.6      | 60.6      | 60.6       | 60.6      |
| GE 14000              | 56.9                        | 60.4    | 60.9    | 61.5    | 61.7    | 61.7        | 61.7    | 61.7        | 61.7        | 61.7    | 61.7      | 61.7      | 61.7      | 61.7       | 61.7      |
| GE 12000              | 58.4                        | 61.9    | 62.4    | 63.0    | 63.2    | 63.2        | 63.2    | 63.2        | 63.2        | 63.2    | 63.2      | 63.2      | 63.2      | 63.2       | 63.2      |
| GE 10000              | 61.5                        | 65.2    | 65.6    | 66.2    | 66.5    | 66.5        | 66.5    | 66.5        | 66.5        | 66.5    | 66.5      | 66.5      | 66.5      | 66.5       | 66.5      |
| GE 9000               | 61.7                        | 65.4    | 65.8    | 66.5    | 66.7    | 66.7        | 66.7    | 66.7        | 66.7        | 66.7    | 66.7      | 66.7      | 66.7      | 66.7       | 66.7      |
| GE 8000               | 65.7                        | 69.4    | 69.8    | 70.5    | 70.8    | 70.8        | 70.8    | 70.8        | 70.8        | 70.8    | 70.8      | 70.8      | 70.8      | 70.8       | 70.8      |
| GE 7000               | 67.0                        | 70.6    | 71.1    | 71.8    | 72.0    | 72.0        | 72.0    | 72.0        | 72.0        | 72.0    | 72.0      | 72.0      | 72.0      | 72.0       | 72.0      |
| GE 6000               | 68.1                        | 72.2    | 72.6    | 73.3    | 73.5    | 73.5        | 73.5    | 73.5        | 73.5        | 73.5    | 73.5      | 73.5      | 73.5      | 73.5       | 73.5      |
| GE 5000               | 70.0                        | 74.9    | 75.5    | 76.2    | 76.5    | 76.5        | 76.5    | 76.5        | 76.5        | 76.5    | 76.5      | 76.5      | 76.5      | 76.5       | 76.5      |
| GE 4500               | 70.1                        | 75.6    | 76.1    | 76.9    | 77.1    | 77.1        | 77.1    | 77.1        | 77.1        | 77.1    | 77.1      | 77.1      | 77.1      | 77.1       | 77.1      |
| GE 4000               | 75.3                        | 81.4    | 82.2    | 83.0    | 83.3    | 83.4        | 83.7    | 83.7        | 83.7        | 83.7    | 83.7      | 83.7      | 83.7      | 83.7       | 83.7      |
| GE 3500               | 77.6                        | 84.0    | 84.8    | 85.7    | 86.0    | 86.1        | 86.3    | 86.3        | 86.3        | 86.3    | 86.3      | 86.3      | 86.3      | 86.3       | 86.3      |
| GE 3000               | 83.8                        | 91.7    | 93.1    | 94.0    | 94.3    | 94.4        | 94.6    | 94.7        | 94.7        | 94.7    | 94.7      | 94.7      | 94.7      | 94.7       | 94.7      |
| GE 2500               | 84.8                        | 92.8    | 94.2    | 95.2    | 95.5    | 95.6        | 95.8    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9       | 95.9      |
| GE 2000               | 85.7                        | 94.1    | 95.8    | 96.9    | 97.2    | 97.4        | 97.7    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1800               | 86.2                        | 94.6    | 96.3    | 97.4    | 97.8    | 98.1        | 98.4    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      |
| GE 1500               | 86.5                        | 94.8    | 96.7    | 97.8    | 98.3    | 98.5        | 98.8    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      |
| GE 1200               | 86.5                        | 94.9    | 96.8    | 98.0    | 98.4    | 98.7        | 99.0    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 1000               | 86.6                        | 95.2    | 97.0    | 98.2    | 98.7    | 99.0        | 99.5    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 900                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.7    | 99.0        | 99.5    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 800                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.7    | 99.0        | 99.5    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 700                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.7    | 99.0        | 99.5    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 600                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 500                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 86.6                        | 95.2    | 97.0    | 98.2    | 98.8    | 99.1        | 99.6    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 1500-1700

| CEILING<br>IN<br>FEET | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL               | 50.4     | 52.6    | 53.0    | 53.0    | 53.0    | 53.0        | 53.0    | 53.0        | 53.0        | 53.0    | 53.0      | 53.0      | 53.0      | 53.0       | 53.0      | 53.0    |
| GE 20000              | 61.0     | 63.7    | 64.1    | 64.1    | 64.1    | 64.1        | 64.1    | 64.1        | 64.1        | 64.1    | 64.1      | 64.1      | 64.1      | 64.1       | 64.1      | 64.1    |
| GE 18000              | 61.4     | 64.1    | 64.5    | 64.5    | 64.5    | 64.5        | 64.5    | 64.5        | 64.5        | 64.5    | 64.5      | 64.5      | 64.5      | 64.5       | 64.5      | 64.5    |
| GE 16000              | 61.4     | 64.1    | 64.5    | 64.5    | 64.5    | 64.5        | 64.5    | 64.5        | 64.5        | 64.5    | 64.5      | 64.5      | 64.5      | 64.5       | 64.5      | 64.5    |
| GE 14000              | 62.6     | 65.3    | 65.7    | 65.7    | 65.7    | 65.7        | 65.7    | 65.7        | 65.7        | 65.7    | 65.7      | 65.7      | 65.7      | 65.7       | 65.7      | 65.7    |
| GE 12000              | 65.3     | 68.0    | 68.4    | 68.4    | 68.4    | 68.4        | 68.4    | 68.4        | 68.4        | 68.4    | 68.4      | 68.4      | 68.4      | 68.4       | 68.4      | 68.4    |
| GE 10000              | 69.2     | 72.5    | 72.9    | 72.9    | 72.9    | 72.9        | 72.9    | 72.9        | 72.9        | 72.9    | 72.9      | 72.9      | 72.9      | 72.9       | 72.9      | 72.9    |
| GE 9000               | 69.5     | 72.7    | 73.1    | 73.1    | 73.1    | 73.1        | 73.1    | 73.1        | 73.1        | 73.1    | 73.1      | 73.1      | 73.1      | 73.1       | 73.1      | 73.1    |
| GE 8000               | 73.0     | 76.5    | 76.9    | 76.9    | 76.9    | 76.9        | 76.9    | 76.9        | 76.9        | 76.9    | 76.9      | 76.9      | 76.9      | 76.9       | 76.9      | 76.9    |
| GE 7000               | 73.4     | 76.9    | 77.3    | 77.3    | 77.3    | 77.3        | 77.3    | 77.3        | 77.3        | 77.3    | 77.3      | 77.3      | 77.3      | 77.3       | 77.3      | 77.3    |
| GE 6000               | 73.8     | 77.3    | 77.8    | 78.0    | 78.0    | 78.0        | 78.0    | 78.0        | 78.0        | 78.0    | 78.0      | 78.0      | 78.0      | 78.0       | 78.0      | 78.0    |
| GE 5000               | 75.8     | 80.0    | 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      | 80.9    |
| GE 4500               | 76.2     | 80.4    | 81.4    | 81.5    | 81.6    | 81.6        | 81.6    | 81.6        | 81.6        | 81.6    | 81.6      | 81.6      | 81.6      | 81.6       | 81.6      | 81.6    |
| GE 4000               | 81.8     | 87.6    | 88.9    | 89.1    | 89.4    | 89.4        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8       | 89.8      | 89.8    |
| GE 3500               | 82.9     | 89.0    | 90.3    | 90.5    | 90.8    | 90.8        | 91.2    | 91.2        | 91.2        | 91.2    | 91.2      | 91.2      | 91.2      | 91.2       | 91.2      | 91.2    |
| GE 3000               | 86.9     | 94.0    | 95.4    | 95.6    | 96.0    | 96.0        | 96.5    | 96.5        | 96.5        | 96.5    | 96.5      | 96.5      | 96.5      | 96.5       | 96.5      | 96.5    |
| GE 2500               | 87.4     | 94.6    | 96.1    | 96.3    | 96.9    | 96.9        | 97.3    | 97.3        | 97.3        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3       | 97.3      | 97.3    |
| GE 2000               | 88.2     | 95.5    | 97.2    | 97.5    | 98.3    | 98.3        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 1800               | 88.2     | 95.5    | 97.2    | 97.5    | 98.3    | 98.3        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 1500               | 88.2     | 95.7    | 97.4    | 97.7    | 98.6    | 98.6        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 1200               | 88.2     | 95.8    | 97.5    | 97.8    | 98.7    | 98.7        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 1000               | 88.3     | 96.0    | 97.8    | 98.2    | 99.0    | 99.0        | 99.5    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 900                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 800                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 700                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 600                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 500                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 88.3     | 96.0    | 97.8    | 98.2    | 99.1    | 99.2        | 99.7    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(EST): 1800-2000

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |      |          |       |          |          |       |        |        |        |         |        |       |
|----------|------|-----------------------------|------|------|------|------|----------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN       | FEET | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  |      | 57.7                        | 59.8 | 59.8 | 59.8 | 59.8 | 59.8     | 59.8  | 59.8     | 59.8     | 59.8  | 59.8   | 59.8   | 59.8   | 59.8    | 59.8   | 59.8  |
| GE 20000 | 63.4 | 65.8                        | 66.1 | 66.1 | 66.1 | 66.1 | 66.1     | 66.1  | 66.1     | 66.1     | 66.1  | 66.1   | 66.1   | 66.1   | 66.1    | 66.1   | 66.1  |
| GE 18000 | 63.7 | 66.0                        | 66.3 | 66.3 | 66.3 | 66.3 | 66.3     | 66.3  | 66.3     | 66.3     | 66.3  | 66.3   | 66.3   | 66.3   | 66.3    | 66.3   | 66.3  |
| GE 16000 | 63.8 | 66.1                        | 66.5 | 66.5 | 66.5 | 66.5 | 66.5     | 66.5  | 66.5     | 66.5     | 66.5  | 66.5   | 66.5   | 66.5   | 66.5    | 66.5   | 66.5  |
| GE 14000 | 65.2 | 67.6                        | 68.0 | 68.0 | 68.0 | 68.0 | 68.0     | 68.0  | 68.0     | 68.0     | 68.0  | 68.0   | 68.0   | 68.0   | 68.0    | 68.0   | 68.0  |
| GE 12000 | 68.5 | 71.0                        | 71.3 | 71.3 | 71.3 | 71.3 | 71.3     | 71.3  | 71.3     | 71.3     | 71.3  | 71.3   | 71.3   | 71.3   | 71.3    | 71.3   | 71.3  |
| GE 10000 | 71.6 | 74.5                        | 74.9 | 74.9 | 74.9 | 74.9 | 74.9     | 74.9  | 74.9     | 74.9     | 74.9  | 74.9   | 74.9   | 74.9   | 74.9    | 74.9   | 74.9  |
| GE 9000  | 71.8 | 74.7                        | 75.2 | 75.2 | 75.2 | 75.2 | 75.2     | 75.2  | 75.2     | 75.2     | 75.2  | 75.2   | 75.2   | 75.2   | 75.2    | 75.2   | 75.2  |
| GE 8000  | 75.5 | 79.0                        | 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 7000  | 76.2 | 79.9                        | 80.3 | 80.4 | 80.4 | 80.4 | 80.4     | 80.4  | 80.4     | 80.4     | 80.4  | 80.4   | 80.4   | 80.4   | 80.4    | 80.4   | 80.4  |
| GE 6000  | 76.6 | 80.3                        | 80.8 | 81.0 | 81.0 | 81.0 | 81.0     | 81.0  | 81.0     | 81.0     | 81.0  | 81.0   | 81.0   | 81.0   | 81.0    | 81.0   | 81.0  |
| GE 5000  | 78.1 | 82.4                        | 83.0 | 83.2 | 83.3 | 83.4 | 83.4     | 83.4  | 83.4     | 83.4     | 83.4  | 83.4   | 83.4   | 83.4   | 83.4    | 83.4   | 83.4  |
| GE 4500  | 78.8 | 83.1                        | 83.8 | 84.0 | 84.1 | 84.2 | 84.2     | 84.2  | 84.2     | 84.2     | 84.2  | 84.2   | 84.2   | 84.2   | 84.2    | 84.2   | 84.2  |
| GE 4000  | 82.5 | 88.7                        | 90.3 | 90.6 | 90.8 | 90.9 | 91.1     | 91.1  | 91.1     | 91.1     | 91.1  | 91.1   | 91.1   | 91.1   | 91.1    | 91.1   | 91.1  |
| GE 3500  | 83.2 | 89.7                        | 91.5 | 91.9 | 92.0 | 92.2 | 92.4     | 92.4  | 92.4     | 92.4     | 92.4  | 92.4   | 92.4   | 92.4   | 92.4    | 92.4   | 92.4  |
| GE 3000  | 85.7 | 93.3                        | 95.9 | 96.3 | 96.5 | 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 2500  | 86.0 | 94.2                        | 96.8 | 97.2 | 97.3 | 97.4 | 97.8     | 97.8  | 97.8     | 97.8     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8    | 97.8   | 97.8  |
| GE 2000  | 86.2 | 95.1                        | 97.6 | 98.1 | 98.2 | 98.3 | 98.7     | 98.7  | 98.7     | 98.7     | 98.7  | 98.7   | 98.7   | 98.7   | 98.7    | 98.7   | 98.7  |
| GE 1800  | 86.2 | 95.1                        | 97.6 | 98.1 | 98.2 | 98.3 | 98.7     | 98.7  | 98.7     | 98.7     | 98.7  | 98.7   | 98.7   | 98.7   | 98.7    | 98.7   | 98.7  |
| GE 1500  | 86.3 | 95.2                        | 97.8 | 98.3 | 98.4 | 98.6 | 99.1     | 99.1  | 99.1     | 99.1     | 99.1  | 99.1   | 99.1   | 99.1   | 99.1    | 99.1   | 99.1  |
| GE 1200  | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 1000  | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 900   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 800   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 700   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 600   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 99.7  | 99.7     | 99.7     | 99.7  | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   | 99.7  |
| GE 500   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 400   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 300   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 200   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 100   | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 0     | 86.3 | 95.2                        | 98.0 | 98.4 | 98.5 | 98.7 | 99.7     | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 64.1                        | 67.4    | 68.1    | 68.3    | 68.3    | 68.3        | 68.3    | 68.4        | 68.4        | 68.4    | 68.4      | 68.4      | 68.4      | 68.4       | 68.4      | 68.4    |
| GE 20000              | 67.3                        | 71.2    | 71.8    | 72.0    | 72.0    | 72.0        | 72.0    | 72.2        | 72.2        | 72.2    | 72.2      | 72.2      | 72.2      | 72.2       | 72.2      | 72.2    |
| GE 18000              | 67.4                        | 71.3    | 71.9    | 72.2    | 72.2    | 72.2        | 72.2    | 72.3        | 72.3        | 72.3    | 72.3      | 72.3      | 72.3      | 72.3       | 72.3      | 72.3    |
| GE 16000              | 67.4                        | 71.5    | 72.2    | 72.4    | 72.4    | 72.4        | 72.4    | 72.5        | 72.5        | 72.5    | 72.5      | 72.5      | 72.5      | 72.5       | 72.5      | 72.5    |
| GE 14000              | 68.1                        | 72.2    | 72.8    | 73.0    | 73.0    | 73.0        | 73.0    | 73.1        | 73.1        | 73.1    | 73.1      | 73.1      | 73.1      | 73.1       | 73.1      | 73.1    |
| GE 12000              | 70.3                        | 74.4    | 75.1    | 75.3    | 75.3    | 75.3        | 75.3    | 75.4        | 75.4        | 75.4    | 75.4      | 75.4      | 75.4      | 75.4       | 75.4      | 75.4    |
| GE 10000              | 74.2                        | 78.6    | 79.2    | 79.5    | 79.5    | 79.5        | 79.5    | 79.6        | 79.6        | 79.6    | 79.6      | 79.6      | 79.6      | 79.6       | 79.6      | 79.6    |
| GE 9000               | 74.2                        | 78.6    | 79.2    | 79.5    | 79.5    | 79.5        | 79.5    | 79.6        | 79.6        | 79.6    | 79.6      | 79.6      | 79.6      | 79.6       | 79.6      | 79.6    |
| GE 8000               | 77.4                        | 82.6    | 83.2    | 83.4    | 83.4    | 83.4        | 83.4    | 83.5        | 83.5        | 83.5    | 83.5      | 83.5      | 83.5      | 83.5       | 83.5      | 83.5    |
| GE 7000               | 78.4                        | 83.5    | 84.2    | 84.4    | 84.4    | 84.4        | 84.4    | 84.5        | 84.5        | 84.5    | 84.5      | 84.5      | 84.5      | 84.5       | 84.5      | 84.5    |
| GE 6000               | 78.9                        | 84.2    | 84.9    | 85.2    | 85.2    | 85.3        | 85.3    | 85.4        | 85.4        | 85.4    | 85.4      | 85.4      | 85.4      | 85.4       | 85.4      | 85.4    |
| GE 5000               | 80.0                        | 85.7    | 86.6    | 86.8    | 86.8    | 87.0        | 87.0    | 87.1        | 87.1        | 87.1    | 87.1      | 87.1      | 87.1      | 87.1       | 87.1      | 87.1    |
| GE 4500               | 81.1                        | 87.2    | 88.2    | 88.4    | 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 4000               | 84.0                        | 92.0    | 93.1    | 93.3    | 93.3    | 93.5        | 93.5    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.7      | 93.7    |
| GE 3500               | 84.6                        | 92.8    | 94.0    | 94.2    | 94.2    | 94.4        | 94.4    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5       | 94.5      | 94.5    |
| GE 3000               | 86.1                        | 95.2    | 96.8    | 97.1    | 97.1    | 97.3        | 97.3    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4       | 97.4      | 97.4    |
| GE 2500               | 86.6                        | 96.2    | 97.8    | 98.2    | 98.2    | 98.5        | 98.5    | 98.6        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6       | 98.6      | 98.6    |
| GE 2000               | 86.8                        | 96.7    | 98.3    | 98.6    | 98.6    | 99.0        | 99.0    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 1800               | 86.8                        | 96.7    | 98.3    | 98.6    | 98.6    | 99.0        | 99.0    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 1500               | 87.0                        | 96.9    | 98.6    | 98.9    | 98.9    | 99.4        | 99.4    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1200               | 87.0                        | 96.9    | 98.7    | 99.0    | 99.0    | 99.5        | 99.5    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1000               | 87.0                        | 96.9    | 98.7    | 99.0    | 99.0    | 99.5        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 900                | 87.0                        | 96.9    | 98.7    | 99.0    | 99.0    | 99.5        | 99.6    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 800                | 87.0                        | 96.9    | 98.7    | 99.0    | 99.1    | 99.6        | 99.7    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 700                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.2    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 600                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.2    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 500                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.2    | 99.7        | 99.8    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 400                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.4    | 99.8        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.4    | 99.8        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.4    | 99.8        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 87.0                        | 96.9    | 98.8    | 99.1    | 99.4    | 99.8        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 87.0                        | 96.9    | 98.8    | 99.1    | 99.4    | 99.8        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(15): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 53.0                        | 55.6    | 56.3    | 56.5    | 56.8    | 56.8        | 57.0    | 57.1        | 57.1        | 57.1    | 57.2      | 57.2      | 57.2      | 57.2       | 57.2      | 57.3    |
| GE 20000              | 59.2                        | 62.2    | 63.1    | 63.3    | 63.6    | 63.6        | 63.8    | 63.8        | 63.9        | 63.9    | 63.9      | 64.0      | 64.0      | 64.0       | 64.0      | 64.1    |
| GE 18000              | 59.4                        | 62.4    | 63.3    | 63.5    | 63.8    | 63.8        | 64.0    | 64.1        | 64.1        | 64.1    | 64.2      | 64.2      | 64.2      | 64.2       | 64.2      | 64.3    |
| GE 16000              | 59.5                        | 62.5    | 63.4    | 63.7    | 63.9    | 64.0        | 64.1    | 64.2        | 64.2        | 64.3    | 64.3      | 64.3      | 64.3      | 64.3       | 64.4      | 64.5    |
| GE 14000              | 60.6                        | 63.7    | 64.6    | 64.8    | 65.1    | 65.1        | 65.3    | 65.4        | 65.4        | 65.4    | 65.5      | 65.5      | 65.5      | 65.5       | 65.5      | 65.6    |
| GE 12000              | 62.8                        | 66.0    | 66.9    | 67.1    | 67.4    | 67.4        | 67.6    | 67.7        | 67.7        | 67.7    | 67.8      | 67.8      | 67.8      | 67.8       | 67.8      | 67.9    |
| GE 10000              | 66.2                        | 69.6    | 70.5    | 70.8    | 71.1    | 71.1        | 71.2    | 71.3        | 71.4        | 71.4    | 71.4      | 71.4      | 71.5      | 71.5       | 71.5      | 71.6    |
| GE 9000               | 66.3                        | 69.8    | 70.7    | 71.0    | 71.3    | 71.3        | 71.5    | 71.5        | 71.6        | 71.6    | 71.6      | 71.6      | 71.7      | 71.7       | 71.7      | 71.8    |
| GE 8000               | 69.7                        | 73.6    | 74.7    | 75.0    | 75.4    | 75.4        | 75.6    | 75.7        | 75.7        | 75.8    | 75.8      | 75.8      | 75.9      | 75.9       | 75.9      | 76.0    |
| GE 7000               | 70.7                        | 74.7    | 75.8    | 76.1    | 76.5    | 76.5        | 76.7    | 76.8        | 76.8        | 76.9    | 76.9      | 76.9      | 77.0      | 77.0       | 77.0      | 77.1    |
| GE 6000               | 71.3                        | 75.4    | 76.6    | 76.9    | 77.4    | 77.4        | 77.6    | 77.7        | 77.7        | 77.8    | 77.8      | 77.8      | 77.9      | 77.9       | 78.0      | 78.1    |
| GE 5000               | 72.7                        | 77.2    | 78.5    | 78.9    | 79.3    | 79.4        | 79.6    | 79.7        | 79.7        | 79.8    | 79.8      | 79.9      | 79.9      | 79.9       | 80.0      | 80.1    |
| GE 4500               | 73.8                        | 78.5    | 79.8    | 80.2    | 80.7    | 80.8        | 81.0    | 81.0        | 81.1        | 81.2    | 81.2      | 81.2      | 81.3      | 81.3       | 81.3      | 81.4    |
| GE 4000               | 78.1                        | 84.1    | 85.8    | 86.3    | 86.9    | 87.0        | 87.3    | 87.4        | 87.5        | 87.6    | 87.6      | 87.6      | 87.7      | 87.7       | 87.7      | 87.8    |
| GE 3500               | 79.0                        | 85.4    | 87.2    | 87.7    | 88.3    | 88.4        | 88.8    | 88.8        | 88.9        | 89.0    | 89.0      | 89.0      | 89.1      | 89.1       | 89.1      | 89.2    |
| GE 3000               | 82.1                        | 89.9    | 92.0    | 92.7    | 93.4    | 93.5        | 93.9    | 94.0        | 94.0        | 94.1    | 94.2      | 94.2      | 94.3      | 94.3       | 94.3      | 94.4    |
| GE 2500               | 82.7                        | 90.7    | 93.0    | 93.7    | 94.5    | 94.6        | 95.0    | 95.1        | 95.1        | 95.2    | 95.3      | 95.3      | 95.4      | 95.4       | 95.4      | 95.5    |
| GE 2000               | 83.3                        | 91.7    | 94.2    | 95.0    | 95.8    | 96.0        | 96.4    | 96.5        | 96.5        | 96.7    | 96.7      | 96.7      | 96.8      | 96.8       | 96.9      | 96.9    |
| GE 1800               | 83.5                        | 91.9    | 94.3    | 95.1    | 96.0    | 96.2        | 96.6    | 96.7        | 96.7        | 96.8    | 96.9      | 96.9      | 97.0      | 97.0       | 97.0      | 97.1    |
| GE 1500               | 83.8                        | 92.4    | 94.9    | 95.8    | 96.7    | 96.9        | 97.3    | 97.5        | 97.5        | 97.6    | 97.7      | 97.7      | 97.8      | 97.8       | 97.9      | 98.0    |
| GE 1200               | 83.9                        | 92.6    | 95.2    | 96.1    | 97.0    | 97.2        | 97.7    | 97.9        | 97.9        | 98.0    | 98.1      | 98.1      | 98.2      | 98.2       | 98.3      | 98.4    |
| GE 1000               | 84.1                        | 92.8    | 95.5    | 96.3    | 97.2    | 97.5        | 98.0    | 98.2        | 98.3        | 98.4    | 98.5      | 98.5      | 98.6      | 98.6       | 98.6      | 98.7    |
| GE 900                | 84.1                        | 92.8    | 95.5    | 96.4    | 97.3    | 97.6        | 98.1    | 98.3        | 98.3        | 98.5    | 98.5      | 98.6      | 98.7      | 98.7       | 98.7      | 98.8    |
| GE 800                | 84.1                        | 92.9    | 95.6    | 96.5    | 97.5    | 97.8        | 98.3    | 98.5        | 98.5        | 98.7    | 98.7      | 98.8      | 98.9      | 98.9       | 98.9      | 99.0    |
| GE 700                | 84.1                        | 92.9    | 95.6    | 96.6    | 97.6    | 97.9        | 98.4    | 98.6        | 98.7        | 98.8    | 98.9      | 98.9      | 99.0      | 99.0       | 99.0      | 99.2    |
| GE 600                | 84.1                        | 92.9    | 95.7    | 96.7    | 97.8    | 98.0        | 98.6    | 98.8        | 98.9        | 99.0    | 99.1      | 99.1      | 99.2      | 99.2       | 99.2      | 99.3    |
| GE 500                | 84.1                        | 92.9    | 95.7    | 96.8    | 97.8    | 98.1        | 98.7    | 99.0        | 99.0        | 99.2    | 99.2      | 99.3      | 99.4      | 99.4       | 99.4      | 99.5    |
| GE 400                | 84.1                        | 93.0    | 95.8    | 96.8    | 97.9    | 98.2        | 98.8    | 99.1        | 99.2        | 99.3    | 99.4      | 99.4      | 99.5      | 99.5       | 99.6      | 99.7    |
| GE 300                | 84.1                        | 93.0    | 95.8    | 96.8    | 97.9    | 98.2        | 98.8    | 99.2        | 99.2        | 99.4    | 99.5      | 99.5      | 99.6      | 99.6       | 99.7      | 99.8    |
| GE 200                | 84.1                        | 93.0    | 95.8    | 96.8    | 97.9    | 98.2        | 98.8    | 99.2        | 99.2        | 99.4    | 99.5      | 99.6      | 99.7      | 99.7       | 99.8      | 100.0   |
| GE 100                | 84.1                        | 93.0    | 95.8    | 96.8    | 97.9    | 98.2        | 98.8    | 99.2        | 99.2        | 99.4    | 99.5      | 99.6      | 99.7      | 99.7       | 99.8      | 100.0   |
| GE 0                  | 84.1                        | 93.0    | 95.8    | 96.8    | 97.9    | 98.2        | 98.8    | 99.2        | 99.2        | 99.4    | 99.5      | 99.6      | 99.7      | 99.7       | 99.8      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 75.1                        | 75.6     | 75.6    | 75.6    | 75.6    | 75.6    | 75.6        | 75.6    | 75.6        | 75.6        | 75.6    | 75.6      | 75.6      | 75.6      | 75.6       | 75.6      |
| GE 20000              | 80.6                        | 81.0     | 81.0    | 81.0    | 81.0    | 81.0    | 81.0        | 81.0    | 81.0        | 81.0        | 81.0    | 81.0      | 81.0      | 81.0      | 81.0       | 81.0      |
| GE 18000              | 81.0                        | 81.4     | 81.4    | 81.4    | 81.4    | 81.4    | 81.4        | 81.4    | 81.4        | 81.4        | 81.4    | 81.4      | 81.4      | 81.4      | 81.4       | 81.4      |
| GE 16000              | 81.0                        | 81.4     | 81.4    | 81.4    | 81.4    | 81.4    | 81.4        | 81.4    | 81.4        | 81.4        | 81.4    | 81.4      | 81.4      | 81.4      | 81.4       | 81.4      |
| GE 14000              | 81.8                        | 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 12000              | 84.7                        | 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 10000              | 87.9                        | 88.6     | 88.6    | 88.6    | 88.6    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.6    | 88.6      | 88.6      | 88.6      | 88.6       | 88.6      |
| GE 9000               | 88.0                        | 88.7     | 88.7    | 88.7    | 88.7    | 88.7    | 88.7        | 88.7    | 88.7        | 88.7        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7       | 88.7      |
| GE 8000               | 90.4                        | 91.3     | 91.4    | 91.4    | 91.4    | 91.4    | 91.4        | 91.4    | 91.4        | 91.4        | 91.4    | 91.4      | 91.4      | 91.4      | 91.4       | 91.4      |
| GE 7000               | 91.0                        | 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      | 92.2       | 92.2      |
| GE 6000               | 91.4                        | 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      | 92.7       | 92.7      |
| GE 5000               | 91.8                        | 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      |
| GE 4500               | 92.2                        | 93.3     | 93.4    | 93.4    | 93.6    | 93.6    | 93.6        | 93.6    | 93.6        | 93.6        | 93.6    | 93.6      | 93.6      | 93.6      | 93.6       | 93.6      |
| GE 4000               | 93.6                        | 94.8     | 95.1    | 95.2    | 95.3    | 95.3    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3       | 95.3      |
| GE 3500               | 93.8                        | 95.2     | 95.6    | 95.9    | 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 3000               | 94.4                        | 96.2     | 96.6    | 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      |
| GE 2500               | 94.6                        | 96.3     | 96.7    | 97.1    | 97.4    | 97.4    | 97.4        | 97.4    | 97.4        | 97.4        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4       | 97.4      |
| GE 2000               | 95.1                        | 97.1     | 97.7    | 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      |
| GE 1800               | 95.1                        | 97.1     | 97.7    | 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      |
| GE 1500               | 95.1                        | 97.1     | 97.7    | 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 1200               | 95.1                        | 97.4     | 98.0    | 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 1000               | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 900                | 95.6                        | 98.0     | 98.7    | 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      |
| GE 800                | 95.6                        | 98.0     | 98.7    | 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      |
| GE 700                | 95.6                        | 98.0     | 98.7    | 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      |
| GE 600                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 95.6                        | 98.0     | 98.7    | 99.3    | 99.7    | 99.9    | 99.9        | 99.9    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 0300-0500

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |      |       |       |      |      |      |      |      |      |       |
|----------|------|-----------------------------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|-------|
| IN FEET  | 10   | 6                           | 5    | 4    | 3    | 2 1/2 | 2    | 1 1/2 | 1 1/4 | 1    | 3/4  | 5/8  | 1/2  | 5/16 | 1/4  | 0     |
| NO CEIL  | 72.1 | 73.0                        | 73.0 | 73.0 | 73.0 | 73.0  | 73.0 | 73.0  | 73.0  | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1  |
| GE 20000 | 77.1 | 78.0                        | 78.0 | 78.0 | 78.0 | 78.0  | 78.0 | 78.0  | 78.0  | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1  |
| GE 18000 | 77.6 | 78.4                        | 78.4 | 78.4 | 78.4 | 78.4  | 78.4 | 78.4  | 78.4  | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6  |
| GE 16000 | 77.6 | 78.4                        | 78.4 | 78.4 | 78.4 | 78.4  | 78.4 | 78.4  | 78.4  | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6  |
| GE 14000 | 77.9 | 78.8                        | 78.8 | 78.8 | 78.8 | 78.8  | 78.8 | 78.8  | 78.8  | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9  |
| GE 12000 | 80.0 | 81.1                        | 81.1 | 81.1 | 81.1 | 81.1  | 81.2 | 81.2  | 81.2  | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3  |
| GE 10000 | 82.8 | 84.2                        | 84.2 | 84.2 | 84.2 | 84.2  | 84.3 | 84.3  | 84.3  | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.6  |
| GE 9000  | 83.0 | 84.4                        | 84.4 | 84.4 | 84.4 | 84.4  | 84.6 | 84.6  | 84.6  | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8  |
| GE 8000  | 85.7 | 87.2                        | 87.3 | 87.4 | 87.4 | 87.4  | 87.6 | 87.6  | 87.6  | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8  |
| GE 7000  | 86.1 | 87.7                        | 87.8 | 87.9 | 88.0 | 88.0  | 88.1 | 88.1  | 88.1  | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3  |
| GE 6000  | 86.7 | 88.2                        | 88.3 | 88.4 | 88.6 | 88.6  | 88.7 | 88.7  | 88.7  | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.9  |
| GE 5000  | 87.0 | 88.6                        | 88.7 | 88.8 | 88.9 | 88.9  | 89.0 | 89.0  | 89.0  | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2  |
| GE 4500  | 87.0 | 88.7                        | 88.8 | 88.9 | 89.0 | 89.0  | 89.1 | 89.1  | 89.1  | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.3  |
| GE 4000  | 89.8 | 91.9                        | 92.0 | 92.1 | 92.2 | 92.2  | 92.3 | 92.3  | 92.3  | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.6  |
| GE 3500  | 90.9 | 93.1                        | 93.2 | 93.3 | 93.4 | 93.4  | 93.6 | 93.6  | 93.6  | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.8  |
| GE 3000  | 91.4 | 94.2                        | 94.3 | 94.4 | 94.9 | 94.9  | 95.0 | 95.0  | 95.0  | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.2  |
| GE 2500  | 91.9 | 94.7                        | 94.9 | 95.1 | 95.6 | 95.6  | 95.7 | 95.7  | 95.7  | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9  |
| GE 2000  | 92.4 | 95.2                        | 95.4 | 96.0 | 96.4 | 96.4  | 96.6 | 96.6  | 96.6  | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8  |
| GE 1800  | 92.4 | 95.3                        | 95.6 | 96.1 | 96.6 | 96.6  | 96.7 | 96.7  | 96.7  | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9  |
| GE 1500  | 93.1 | 96.1                        | 96.3 | 96.9 | 97.6 | 97.6  | 97.7 | 97.7  | 97.7  | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.9  |
| GE 1200  | 93.2 | 96.4                        | 96.8 | 97.3 | 98.0 | 98.0  | 98.1 | 98.1  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3  |
| GE 1000  | 93.6 | 97.1                        | 97.7 | 98.2 | 98.9 | 98.9  | 99.1 | 99.1  | 99.1  | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3  |
| GE 900   | 93.6 | 97.1                        | 97.7 | 98.2 | 98.9 | 98.9  | 99.1 | 99.1  | 99.1  | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3  |
| GE 800   | 93.6 | 97.1                        | 97.7 | 98.2 | 98.9 | 98.9  | 99.1 | 99.1  | 99.1  | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3  |
| GE 700   | 93.6 | 97.2                        | 97.8 | 98.3 | 99.0 | 99.0  | 99.2 | 99.2  | 99.2  | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4  |
| GE 600   | 93.6 | 97.2                        | 98.1 | 98.7 | 99.3 | 99.3  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8  |
| GE 500   | 93.6 | 97.2                        | 98.1 | 98.7 | 99.3 | 99.3  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8  |
| GE 400   | 93.7 | 97.3                        | 98.2 | 98.8 | 99.4 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9  |
| GE 300   | 93.7 | 97.3                        | 98.2 | 98.8 | 99.4 | 99.4  | 99.7 | 99.7  | 99.7  | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 200   | 93.7 | 97.3                        | 98.2 | 98.8 | 99.4 | 99.4  | 99.7 | 99.7  | 99.7  | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 100   | 93.7 | 97.3                        | 98.2 | 98.8 | 99.4 | 99.4  | 99.7 | 99.7  | 99.7  | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 0     | 93.7 | 97.3                        | 98.2 | 98.8 | 99.4 | 99.4  | 99.7 | 99.7  | 99.7  | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 68.8                        | 70.1    | 70.4    | 70.4    | 70.7    | 70.7        | 70.7    | 70.7        | 70.7        | 70.7    | 70.7      | 70.7      | 70.7      | 70.7       | 70.7      | 70.7    |
| GE 20000              | 74.1                        | 75.6    | 75.9    | 75.9    | 76.1    | 76.1        | 76.1    | 76.1        | 76.1        | 76.1    | 76.1      | 76.1      | 76.1      | 76.1       | 76.1      | 76.1    |
| GE 18000              | 75.2                        | 76.7    | 77.0    | 77.0    | 77.2    | 77.2        | 77.2    | 77.2        | 77.2        | 77.2    | 77.2      | 77.2      | 77.2      | 77.2       | 77.2      | 77.2    |
| GE 16000              | 75.3                        | 76.8    | 77.1    | 77.1    | 77.3    | 77.3        | 77.3    | 77.3        | 77.3        | 77.3    | 77.3      | 77.3      | 77.3      | 77.3       | 77.3      | 77.3    |
| GE 14000              | 76.9                        | 78.3    | 78.7    | 78.7    | 78.9    | 78.9        | 78.9    | 78.9        | 78.9        | 78.9    | 78.9      | 78.9      | 78.9      | 78.9       | 78.9      | 78.9    |
| GE 12000              | 78.1                        | 79.6    | 79.9    | 79.9    | 80.1    | 80.1        | 80.1    | 80.1        | 80.1        | 80.1    | 80.1      | 80.1      | 80.1      | 80.1       | 80.1      | 80.1    |
| GE 10000              | 80.3                        | 81.9    | 82.2    | 82.2    | 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 9000               | 80.8                        | 82.3    | 82.7    | 82.7    | 82.9    | 82.9        | 82.9    | 82.9        | 82.9        | 82.9    | 82.9      | 82.9      | 82.9      | 82.9       | 82.9      | 82.9    |
| GE 8000               | 83.0                        | 84.6    | 85.0    | 85.0    | 85.2    | 85.2        | 85.2    | 85.2        | 85.2        | 85.2    | 85.2      | 85.2      | 85.2      | 85.2       | 85.2      | 85.2    |
| GE 7000               | 83.9                        | 85.7    | 86.1    | 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 6000               | 84.4                        | 86.3    | 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 5000               | 85.4                        | 87.6    | 88.0    | 88.0    | 88.2    | 88.2        | 88.2    | 88.2        | 88.2        | 88.2    | 88.2      | 88.2      | 88.2      | 88.2       | 88.2      | 88.2    |
| GE 4500               | 85.8                        | 87.9    | 88.3    | 88.3    | 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 4000               | 87.6                        | 90.0    | 90.4    | 90.6    | 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 3500               | 88.6                        | 91.3    | 91.8    | 91.9    | 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 3000               | 90.0                        | 93.8    | 94.2    | 94.3    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |
| GE 2500               | 90.4                        | 94.4    | 94.9    | 95.0    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6       | 95.6      | 95.6    |
| GE 2000               | 91.0                        | 95.1    | 95.6    | 95.7    | 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 1800               | 91.0                        | 95.1    | 95.6    | 95.7    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      | 96.2    |
| GE 1500               | 91.8                        | 95.9    | 96.3    | 96.4    | 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 1200               | 92.4                        | 96.8    | 97.2    | 97.3    | 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 1000               | 92.9                        | 97.3    | 97.9    | 98.0    | 98.6    | 98.6        | 98.7    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 900                | 92.9                        | 97.3    | 97.9    | 98.0    | 98.6    | 98.6        | 98.7    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 800                | 92.9                        | 97.6    | 98.1    | 98.2    | 98.8    | 98.8        | 98.9    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 700                | 92.9                        | 97.6    | 98.1    | 98.2    | 98.8    | 98.8        | 98.9    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 600                | 92.9                        | 97.7    | 98.2    | 98.4    | 99.0    | 99.0        | 99.1    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 500                | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 400                | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 300                | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 200                | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 100                | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 0                  | 92.9                        | 97.8    | 98.4    | 98.8    | 99.3    | 99.3        | 99.4    | 99.7        | 99.7        | 99.7    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |

TOTAL NUMBER OF OBSERVATIONS: 900

GE 1001 70.9 84.0 87.4 92.2 96.3 96.6 98.5 99.3 99.5 99.6 99.6 99.9 99.9 99.9 99.9 99.9  
 GE 01 70.9 84.0 87.4 92.2 96.3 96.6 98.5 99.3 99.5 99.6 99.6 99.9 99.9 99.9 99.9 100.0  
 .....  
 TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
 MONTH: APR HOURS: 1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |       |      |      |      |      |          |      |          |          |      |        |        |        |         |        |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|
|                       | 1                           | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL               | 70.0                        | 70.9  | 71.0 | 71.0 | 71.0 | 71.0 | 71.0     | 71.0 | 71.0     | 71.0     | 71.0 | 71.0   | 71.0   | 71.0   | 71.0    | 71.0   |
| GE 20000              | 76.7                        | 77.6  | 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 18000              | 77.1                        | 78.0  | 78.1 | 78.1 | 78.1 | 78.1 | 78.1     | 78.1 | 78.1     | 78.1     | 78.1 | 78.1   | 78.1   | 78.1   | 78.1    | 78.1   |
| GE 16000              | 77.3                        | 78.2  | 78.3 | 78.3 | 78.3 | 78.3 | 78.3     | 78.3 | 78.3     | 78.3     | 78.3 | 78.3   | 78.3   | 78.3   | 78.3    | 78.3   |
| GE 14000              | 78.4                        | 79.3  | 79.4 | 79.4 | 79.4 | 79.4 | 79.4     | 79.4 | 79.4     | 79.4     | 79.4 | 79.4   | 79.4   | 79.4   | 79.4    | 79.4   |
| GE 12000              | 79.6                        | 80.4  | 80.6 | 80.6 | 80.6 | 80.6 | 80.6     | 80.6 | 80.6     | 80.6     | 80.6 | 80.6   | 80.6   | 80.6   | 80.6    | 80.6   |
| GE 10000              | 81.1                        | 82.0  | 82.1 | 82.1 | 82.1 | 82.1 | 82.1     | 82.1 | 82.1     | 82.1     | 82.1 | 82.1   | 82.1   | 82.1   | 82.1    | 82.1   |
| GE 9000               | 81.3                        | 82.2  | 82.3 | 82.3 | 82.3 | 82.3 | 82.3     | 82.3 | 82.3     | 82.3     | 82.3 | 82.3   | 82.3   | 82.3   | 82.3    | 82.3   |
| GE 8000               | 82.9                        | 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 7000               | 83.2                        | 84.4  | 84.7 | 84.7 | 84.7 | 84.7 | 84.7     | 84.7 | 84.7     | 84.7     | 84.7 | 84.7   | 84.7   | 84.7   | 84.7    | 84.7   |
| GE 6000               | 83.8                        | 85.0  | 85.2 | 85.2 | 85.2 | 85.2 | 85.2     | 85.2 | 85.2     | 85.2     | 85.2 | 85.2   | 85.2   | 85.2   | 85.2    | 85.2   |
| GE 5000               | 85.7                        | 87.1  | 87.3 | 87.3 | 87.3 | 87.3 | 87.3     | 87.3 | 87.3     | 87.3     | 87.3 | 87.3   | 87.3   | 87.3   | 87.3    | 87.3   |
| GE 4500               | 85.8                        | 87.2  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4     | 87.4 | 87.4     | 87.4     | 87.4 | 87.4   | 87.4   | 87.4   | 87.4    | 87.4   |
| GE 4000               | 88.0                        | 90.0  | 90.2 | 90.2 | 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 3500               | 89.2                        | 91.7  | 92.0 | 92.1 | 92.2 | 92.2 | 92.2     | 92.3 | 92.3     | 92.3     | 92.3 | 92.3   | 92.3   | 92.3   | 92.3    | 92.3   |
| GE 3000               | 92.1                        | 94.8  | 95.2 | 95.3 | 95.4 | 95.4 | 95.4     | 95.6 | 95.6     | 95.6     | 95.6 | 95.6   | 95.6   | 95.6   | 95.6    | 95.6   |
| GE 2500               | 92.8                        | 95.7  | 96.4 | 96.6 | 96.8 | 96.8 | 96.8     | 96.9 | 96.9     | 96.9     | 96.9 | 96.9   | 96.9   | 96.9   | 96.9    | 96.9   |
| GE 2000               | 93.6                        | 96.4  | 97.2 | 97.3 | 97.6 | 97.6 | 97.6     | 97.7 | 97.7     | 97.7     | 97.7 | 97.7   | 97.7   | 97.7   | 97.7    | 97.7   |
| GE 1800               | 93.8                        | 96.7  | 97.4 | 97.6 | 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 1500               | 94.2                        | 97.3  | 98.2 | 98.3 | 98.6 | 98.6 | 98.6     | 98.8 | 98.8     | 98.8     | 98.8 | 98.8   | 98.8   | 98.8   | 98.8    | 98.8   |
| GE 1200               | 94.3                        | 97.6  | 98.4 | 98.6 | 98.8 | 98.8 | 98.8     | 99.0 | 99.0     | 99.0     | 99.0 | 99.0   | 99.0   | 99.0   | 99.0    | 99.0   |
| GE 1000               | 94.4                        | 97.8  | 98.7 | 98.8 | 99.0 | 99.0 | 99.1     | 99.2 | 99.2     | 99.2     | 99.2 | 99.2   | 99.2   | 99.2   | 99.2    | 99.2   |
| GE 900                | 94.7                        | 98.1  | 99.0 | 99.1 | 99.3 | 99.3 | 99.4     | 99.6 | 99.6     | 99.6     | 99.6 | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 800                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 700                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 600                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 500                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 400                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 300                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 200                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 100                | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |
| GE 0                  | 94.7                        | 98.1  | 99.1 | 99.2 | 99.4 | 99.4 | 99.4     | 99.6 | 99.7     | 99.7     | 99.7 | 99.7   | 99.7   | 99.7   | 99.7    | 99.7   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 63.9                        |          | 64.4    | 64.4    | 64.4    | 64.4    | 64.4        | 64.4    | 64.4        | 64.4        | 64.4    | 64.4      | 64.4      | 64.4      | 64.4       | 64.4      | 64.4    |
| GE 20000              | 75.4                        |          | 76.0    | 76.0    | 76.0    | 76.0    | 76.0        | 76.0    | 76.0        | 76.0        | 76.0    | 76.0      | 76.0      | 76.0      | 76.0       | 76.0      | 76.0    |
| GE 18000              | 76.6                        |          | 77.1    | 77.1    | 77.1    | 77.1    | 77.1        | 77.1    | 77.1        | 77.1        | 77.1    | 77.1      | 77.1      | 77.1      | 77.1       | 77.1      | 77.1    |
| GE 16000              | 76.6                        |          | 77.1    | 77.1    | 77.1    | 77.1    | 77.1        | 77.1    | 77.1        | 77.1        | 77.1    | 77.1      | 77.1      | 77.1      | 77.1       | 77.1      | 77.1    |
| GE 14000              | 77.4                        |          | 78.0    | 78.0    | 78.0    | 78.0    | 78.0        | 78.0    | 78.0        | 78.0        | 78.0    | 78.0      | 78.0      | 78.0      | 78.0       | 78.0      | 78.0    |
| GE 12000              | 78.6                        |          | 79.1    | 79.1    | 79.1    | 79.1    | 79.1        | 79.1    | 79.1        | 79.1        | 79.1    | 79.1      | 79.1      | 79.1      | 79.1       | 79.1      | 79.1    |
| GE 10000              | 80.7                        |          | 81.2    | 81.2    | 81.2    | 81.2    | 81.2        | 81.2    | 81.2        | 81.2        | 81.2    | 81.2      | 81.2      | 81.2      | 81.2       | 81.2      | 81.2    |
| GE 9000               | 80.9                        |          | 81.3    | 81.3    | 81.3    | 81.3    | 81.3        | 81.3    | 81.3        | 81.3        | 81.3    | 81.3      | 81.3      | 81.3      | 81.3       | 81.3      | 81.3    |
| GE 8000               | 82.1                        |          | 82.8    | 82.8    | 82.8    | 82.8    | 82.8        | 82.8    | 82.8        | 82.8        | 82.8    | 82.8      | 82.8      | 82.8      | 82.8       | 82.8      | 82.8    |
| GE 7000               | 82.6                        |          | 83.2    | 83.2    | 83.2    | 83.2    | 83.2        | 83.2    | 83.2        | 83.2        | 83.2    | 83.2      | 83.2      | 83.2      | 83.2       | 83.2      | 83.2    |
| GE 6000               | 83.0                        |          | 83.7    | 83.7    | 83.7    | 83.7    | 83.7        | 83.7    | 83.7        | 83.7        | 83.7    | 83.7      | 83.7      | 83.7      | 83.7       | 83.7      | 83.7    |
| GE 5000               | 84.4                        |          | 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 4500               | 84.9                        |          | 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      | 85.6    |
| GE 4000               | 90.1                        |          | 91.0    | 91.0    | 91.1    | 91.1    | 91.1        | 91.1    | 91.1        | 91.1        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      | 91.1    |
| GE 3500               | 91.9                        |          | 92.9    | 93.0    | 93.1    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.1       | 93.1      | 93.1    |
| GE 3000               | 96.4                        |          | 97.9    | 98.1    | 98.3    | 98.3    | 98.3        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.4      | 98.4    |
| GE 2500               | 96.7                        |          | 98.2    | 98.6    | 98.9    | 98.9    | 98.9        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 2000               | 96.7                        |          | 98.3    | 98.7    | 99.0    | 99.0    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 1800               | 96.7                        |          | 98.4    | 98.8    | 99.1    | 99.1    | 99.1        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 1500               | 96.7                        |          | 98.4    | 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      | 99.7    |
| GE 1200               | 96.7                        |          | 98.4    | 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      | 99.7    |
| GE 1000               | 96.7                        |          | 98.4    | 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      | 99.7    |
| GE 900                | 96.7                        |          | 98.4    | 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      | 99.7    |
| GE 800                | 96.7                        |          | 98.4    | 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      | 99.7    |
| GE 700                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 96.7                        |          | 98.4    | 98.8    | 99.3    | 99.6    | 99.6        | 99.8    | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 1500-1700

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |      |          |       |          |          |       |        |        |        |         |        |       |
|----------|------|-----------------------------|------|------|------|------|----------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN       | FEET | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  |      | 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   | 66.2    | 66.2   | 66.2  |
| GE 20000 | 79.0 | 79.0                        | 79.0 | 79.0 | 79.0 | 79.0 | 79.0     | 79.0  | 79.0     | 79.0     | 79.0  | 79.0   | 79.0   | 79.0   | 79.0    | 79.0   | 79.0  |
| GE 18000 | 80.0 | 80.0                        | 80.0 | 80.0 | 80.0 | 80.0 | 80.0     | 80.0  | 80.0     | 80.0     | 80.0  | 80.0   | 80.0   | 80.0   | 80.0    | 80.0   | 80.0  |
| GE 16000 | 80.1 | 80.1                        | 80.1 | 80.1 | 80.1 | 80.1 | 80.1     | 80.1  | 80.1     | 80.1     | 80.1  | 80.1   | 80.1   | 80.1   | 80.1    | 80.1   | 80.1  |
| GE 14000 | 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   | 81.1   | 81.1    | 81.1   | 81.1  |
| GE 12000 | 82.8 | 82.8                        | 82.8 | 82.8 | 82.8 | 82.8 | 82.8     | 82.8  | 82.8     | 82.8     | 82.8  | 82.8   | 82.8   | 82.8   | 82.8    | 82.8   | 82.8  |
| GE 10000 | 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   | 85.1  |
| GE 9000  | 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   | 85.6    | 85.6   | 85.6  |
| GE 8000  | 88.6 | 88.6                        | 88.6 | 88.6 | 88.6 | 88.6 | 88.6     | 88.6  | 88.6     | 88.6     | 88.6  | 88.6   | 88.6   | 88.6   | 88.6    | 88.6   | 88.6  |
| GE 7000  | 88.8 | 88.8                        | 88.8 | 88.8 | 88.8 | 88.8 | 88.8     | 88.8  | 88.8     | 88.8     | 88.8  | 88.8   | 88.8   | 88.8   | 88.8    | 88.8   | 88.8  |
| GE 6000  | 89.3 | 89.3                        | 89.3 | 89.3 | 89.3 | 89.3 | 89.3     | 89.3  | 89.3     | 89.3     | 89.3  | 89.3   | 89.3   | 89.3   | 89.3    | 89.3   | 89.3  |
| GE 5000  | 90.2 | 90.3                        | 90.6 | 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 4500  | 90.7 | 90.8                        | 91.0 | 91.2 | 91.2 | 91.2 | 91.2     | 91.2  | 91.2     | 91.2     | 91.2  | 91.2   | 91.2   | 91.2   | 91.2    | 91.2   | 91.2  |
| GE 4000  | 93.1 | 93.2                        | 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  |
| GE 3500  | 94.2 | 94.6                        | 94.9 | 95.1 | 95.2 | 95.2 | 95.2     | 95.2  | 95.2     | 95.2     | 95.2  | 95.2   | 95.2   | 95.2   | 95.2    | 95.2   | 95.2  |
| GE 3000  | 97.7 | 98.1                        | 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 2500  | 97.7 | 98.1                        | 98.7 | 98.9 | 99.0 | 99.0 | 99.0     | 99.0  | 99.0     | 99.0     | 99.0  | 99.0   | 99.0   | 99.0   | 99.0    | 99.0   | 99.0  |
| GE 2000  | 97.9 | 98.4                        | 99.0 | 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 1800  | 98.0 | 98.6                        | 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 1500  | 98.0 | 98.6                        | 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 1200  | 98.0 | 98.7                        | 99.2 | 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  |
| GE 1000  | 98.0 | 98.7                        | 99.3 | 99.7 | 99.8 | 99.8 | 99.9     | 99.9  | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9    | 99.9   | 99.9  |
| GE 900   | 98.0 | 98.7                        | 99.3 | 99.7 | 99.8 | 99.8 | 99.9     | 99.9  | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9    | 99.9   | 99.9  |
| GE 800   | 98.0 | 98.7                        | 99.3 | 99.7 | 99.8 | 99.8 | 99.9     | 99.9  | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9    | 99.9   | 99.9  |
| GE 700   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 600   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 500   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 400   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 300   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 200   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 100   | 98.0 | 98.8                        | 99.4 | 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 |
| GE 0     | 98.0 | 98.8                        | 99.4 | 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 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |             |         |             |         |         |         |         |         |         |         |          |          |          |          |          |
|-----------------------|-----------------------------|-------------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|
|                       | GE<br>1                     | GE<br>1 1/2 | GE<br>2 | GE<br>2 1/2 | GE<br>3 | GE<br>4 | GE<br>5 | GE<br>6 | GE<br>7 | GE<br>8 | GE<br>9 | GE<br>10 | GE<br>11 | GE<br>12 | GE<br>13 | GE<br>14 |
| NO CEIL               | 71.7                        | 72.0        | 72.0    | 72.1        | 72.1    | 72.1    | 72.1    | 72.1    | 72.1    | 72.1    | 72.1    | 72.1     | 72.1     | 72.1     | 72.1     | 72.1     |
| GE 20000              | 79.7                        | 80.2        | 80.2    | 80.3        | 80.3    | 80.3    | 80.3    | 80.3    | 80.3    | 80.3    | 80.3    | 80.3     | 80.3     | 80.3     | 80.3     | 80.3     |
| GE 18000              | 80.3                        | 80.9        | 80.9    | 81.0        | 81.0    | 81.0    | 81.0    | 81.0    | 81.0    | 81.0    | 81.0    | 81.0     | 81.0     | 81.0     | 81.0     | 81.0     |
| GE 16000              | 80.4                        | 81.0        | 81.0    | 81.1        | 81.1    | 81.1    | 81.1    | 81.1    | 81.1    | 81.1    | 81.1    | 81.1     | 81.1     | 81.1     | 81.1     | 81.1     |
| GE 14000              | 81.8                        | 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     |
| GE 12000              | 84.2                        | 84.8        | 84.8    | 84.9        | 84.9    | 84.9    | 84.9    | 84.9    | 84.9    | 84.9    | 84.9    | 84.9     | 84.9     | 84.9     | 84.9     | 84.9     |
| GE 10000              | 86.7                        | 87.2        | 87.2    | 87.3        | 87.3    | 87.3    | 87.3    | 87.3    | 87.3    | 87.3    | 87.3    | 87.3     | 87.3     | 87.3     | 87.3     | 87.3     |
| GE 9000               | 86.7                        | 87.3        | 87.3    | 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 8000               | 89.9                        | 90.6        | 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     | 90.7     |
| GE 7000               | 91.1                        | 91.8        | 91.8    | 91.9        | 91.9    | 91.9    | 91.9    | 91.9    | 91.9    | 91.9    | 91.9    | 91.9     | 91.9     | 91.9     | 91.9     | 91.9     |
| GE 6000               | 91.8                        | 92.4        | 92.4    | 92.6        | 92.6    | 92.6    | 92.6    | 92.6    | 92.6    | 92.6    | 92.6    | 92.6     | 92.6     | 92.6     | 92.6     | 92.6     |
| GE 5000               | 92.8                        | 93.4        | 93.4    | 93.6        | 93.6    | 93.6    | 93.6    | 93.6    | 93.6    | 93.6    | 93.6    | 93.6     | 93.6     | 93.6     | 93.6     | 93.6     |
| GE 4500               | 93.4                        | 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     |
| GE 4000               | 95.4                        | 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     |
| GE 3500               | 96.3                        | 97.1        | 97.2    | 97.4        | 97.4    | 97.4    | 97.4    | 97.4    | 97.4    | 97.4    | 97.4    | 97.4     | 97.4     | 97.4     | 97.4     | 97.4     |
| GE 3000               | 97.6                        | 98.4        | 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     | 99.0     |
| GE 2500               | 97.6                        | 98.4        | 98.7    | 98.9        | 99.2    | 99.2    | 99.2    | 99.2    | 99.3    | 99.3    | 99.4    | 99.4     | 99.4     | 99.4     | 99.4     | 99.4     |
| GE 2000               | 97.7                        | 98.8        | 99.0    | 99.2        | 99.6    | 99.6    | 99.6    | 99.6    | 99.7    | 99.7    | 99.8    | 99.8     | 99.8     | 99.8     | 99.8     | 99.8     |
| GE 1800               | 97.7                        | 98.8        | 99.0    | 99.2        | 99.6    | 99.6    | 99.6    | 99.6    | 99.7    | 99.7    | 99.8    | 99.8     | 99.8     | 99.8     | 99.8     | 99.8     |
| GE 1500               | 97.7                        | 98.8        | 99.0    | 99.2        | 99.6    | 99.6    | 99.6    | 99.6    | 99.7    | 99.7    | 99.8    | 99.8     | 99.8     | 99.8     | 99.8     | 99.8     |
| GE 1200               | 97.7                        | 98.8        | 99.0    | 99.2        | 99.6    | 99.6    | 99.6    | 99.6    | 99.7    | 99.7    | 99.8    | 99.8     | 99.8     | 99.8     | 99.8     | 99.8     |
| GE 1000               | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 99.9    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 900                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 99.9    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 800                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 99.9    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 700                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 99.9    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 600                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 99.9    | 99.9     | 99.9     | 99.9     | 99.9     | 99.9     |
| GE 500                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |
| GE 400                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |
| GE 300                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |
| GE 200                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |
| GE 100                | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |
| GE 0                  | 97.7                        | 98.8        | 99.0    | 99.2        | 99.7    | 99.7    | 99.7    | 99.7    | 99.8    | 99.8    | 100.0   | 100.0    | 100.0    | 100.0    | 100.0    | 100.0    |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 74.9                        | 75.3    | 75.3    | 75.3    | 75.3    | 75.3        | 75.3    | 75.3        | 75.3        | 75.3    | 75.3      | 75.3      | 75.3      | 75.3       | 75.3      | 75.3    |
| GF 20000              | 81.4                        | 82.0    | 82.0    | 82.0    | 82.0    | 82.0        | 82.0    | 82.0        | 82.0        | 82.0    | 82.0      | 82.0      | 82.0      | 82.0       | 82.0      | 82.0    |
| GE 18000              | 81.7                        | 82.2    | 82.2    | 82.2    | 82.2    | 82.2        | 82.2    | 82.2        | 82.2        | 82.2    | 82.2      | 82.2      | 82.2      | 82.2       | 82.2      | 82.2    |
| GE 16000              | 82.0                        | 82.6    | 82.6    | 82.6    | 82.6    | 82.6        | 82.6    | 82.6        | 82.6        | 82.6    | 82.6      | 82.6      | 82.6      | 82.6       | 82.6      | 82.6    |
| GE 14000              | 83.3                        | 83.9    | 83.9    | 83.9    | 83.9    | 83.9        | 83.9    | 83.9        | 83.9        | 83.9    | 83.9      | 83.9      | 83.9      | 83.9       | 83.9      | 83.9    |
| GE 12000              | 85.3                        | 85.9    | 85.9    | 85.9    | 85.9    | 85.9        | 85.9    | 85.9        | 85.9        | 85.9    | 85.9      | 85.9      | 85.9      | 85.9       | 85.9      | 85.9    |
| GE 10000              | 87.3                        | 87.9    | 87.9    | 87.9    | 87.9    | 87.9        | 87.9    | 87.9        | 87.9        | 87.9    | 87.9      | 87.9      | 87.9      | 87.9       | 87.9      | 87.9    |
| GE 9000               | 87.3                        | 87.9    | 87.9    | 87.9    | 87.9    | 87.9        | 87.9    | 87.9        | 87.9        | 87.9    | 87.9      | 87.9      | 87.9      | 87.9       | 87.9      | 87.9    |
| GE 8000               | 90.9                        | 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 7000               | 92.1                        | 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 6000               | 92.8                        | 93.4    | 93.4    | 93.4    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      | 93.4    |
| GE 5000               | 93.7                        | 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 4500               | 93.9                        | 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 4000               | 95.6                        | 96.3    | 96.4    | 96.7    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7       | 96.7      | 96.7    |
| GE 3500               | 96.0                        | 96.8    | 97.0    | 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    |
| GE 3000               | 96.8                        | 97.7    | 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    |
| GE 2500               | 96.8                        | 97.7    | 97.9    | 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    |
| GE 2000               | 97.2                        | 98.4    | 98.7    | 99.0    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1800               | 97.2                        | 98.4    | 98.7    | 99.0    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1500               | 97.2                        | 98.6    | 98.8    | 99.1    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 1200               | 97.3                        | 98.7    | 98.9    | 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    |
| GE 1000               | 97.3                        | 98.7    | 98.9    | 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    |
| GE 900                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 800                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 700                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 600                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 500                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 400                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 300                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 200                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 100                | 97.3                        | 98.7    | 98.9    | 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    |
| GE 0                  | 97.3                        | 98.7    | 98.9    | 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    |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 70.3                        | 70.9     | 71.0    | 71.0    | 71.0    | 71.0    | 71.0        | 71.0    | 71.0        | 71.0        | 71.0    | 71.0      | 71.0      | 71.0      | 71.1       | 71.1      |
| GE 20000              | 78.0                        | 78.7     | 78.7    | 78.7    | 78.8    | 78.8    | 78.8        | 78.8    | 78.8        | 78.8        | 78.8    | 78.8      | 78.8      | 78.8      | 78.8       | 78.8      |
| GE 18000              | 78.7                        | 79.3     | 79.4    | 79.4    | 79.4    | 79.4    | 79.4        | 79.4    | 79.4        | 79.4        | 79.4    | 79.4      | 79.4      | 79.4      | 79.5       | 79.5      |
| GE 16000              | 78.8                        | 79.5     | 79.5    | 79.5    | 79.6    | 79.6    | 79.6        | 79.6    | 79.6        | 79.6        | 79.6    | 79.6      | 79.6      | 79.6      | 79.6       | 79.6      |
| GE 14000              | 79.8                        | 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       | 80.6      |
| GE 12000              | 81.7                        | 82.3     | 82.4    | 82.4    | 82.4    | 82.4    | 82.5        | 82.5    | 82.5        | 82.5        | 82.5    | 82.5      | 82.5      | 82.5      | 82.5       | 82.5      |
| GE 10000              | 84.0                        | 84.8     | 84.8    | 84.8    | 84.9    | 84.9    | 84.9        | 84.9    | 84.9        | 84.9        | 84.9    | 84.9      | 84.9      | 84.9      | 84.9       | 84.9      |
| GE 9000               | 84.2                        | 85.0     | 85.0    | 85.0    | 85.1    | 85.1    | 85.1        | 85.1    | 85.1        | 85.1        | 85.1    | 85.1      | 85.1      | 85.1      | 85.1       | 85.1      |
| GE 8000               | 86.7                        | 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 7000               | 87.3                        | 88.3     | 88.4    | 88.4    | 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 6000               | 87.9                        | 88.9     | 89.0    | 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 5000               | 88.9                        | 89.9     | 90.0    | 90.1    | 90.2    | 90.2    | 90.2        | 90.2    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2       | 90.2      |
| GE 4500               | 89.2                        | 90.3     | 90.4    | 90.5    | 90.5    | 90.5    | 90.5        | 90.5    | 90.5        | 90.5        | 90.5    | 90.5      | 90.5      | 90.5      | 90.5       | 90.5      |
| GE 4000               | 91.6                        | 92.9     | 93.1    | 93.3    | 93.3    | 93.3    | 93.3        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      |
| GE 3500               | 92.6                        | 94.1     | 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 3000               | 94.6                        | 96.4     | 96.7    | 96.9    | 97.1    | 97.1    | 97.1        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      |
| GE 2500               | 94.8                        | 96.7     | 97.1    | 97.3    | 97.6    | 97.6    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      |
| GE 2000               | 95.2                        | 97.2     | 97.7    | 98.0    | 98.3    | 98.3    | 98.3        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.4       | 98.4      |
| GE 1800               | 95.2                        | 97.3     | 97.7    | 98.0    | 98.3    | 98.3    | 98.4        | 98.4    | 98.4        | 98.4        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.4      |
| GE 1500               | 95.5                        | 97.6     | 98.0    | 98.4    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.9       | 98.9      |
| GE 1200               | 95.6                        | 97.8     | 98.3    | 98.6    | 99.0    | 99.0    | 99.1        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      |
| GE 1000               | 95.8                        | 98.1     | 98.6    | 99.0    | 99.4    | 99.4    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 900                | 95.8                        | 98.1     | 98.7    | 99.0    | 99.4    | 99.4    | 99.5        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 800                | 95.8                        | 98.2     | 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 700                | 95.8                        | 98.2     | 98.7    | 99.1    | 99.5    | 99.5    | 99.6        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.8       | 99.8      |
| GE 600                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.5    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.9       | 99.9      |
| GE 500                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.7        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     |
| GE 400                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.8        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 100.0      | 100.0     |
| GE 300                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.8        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.8        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.8        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 100.0     | 100.0     | 100.0      | 100.0     |
| GE CL                 | 95.8                        | 98.2     | 98.8    | 99.2    | 99.6    | 99.6    | 99.8        | 99.8    | 99.8        | 99.8        | 99.9    | 99.9      | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(1ST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 86.7                        |          | 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 20000              | 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      | 91.6       | 91.6      |
| GE 18000              | 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      | 91.6       | 91.6      |
| GE 16000              | 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      | 91.6       | 91.6      |
| GE 14000              | 91.7                        |          | 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 12000              | 92.0                        |          | 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              | 93.0                        |          | 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               | 93.0                        |          | 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 8000               | 94.3                        |          | 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 7000               | 94.5                        |          | 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 6000               | 94.5                        |          | 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 5000               | 95.1                        |          | 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 4500               | 95.1                        |          | 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 4000               | 95.7                        |          | 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 3500               | 95.8                        |          | 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 3000               | 96.1                        |          | 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      |
| GE 2500               | 96.8                        |          | 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 2000               | 97.0                        |          | 98.2    | 98.2    | 98.2    | 98.2    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      |
| GE 1800               | 97.2                        |          | 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 1500               | 98.5                        |          | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 1200               | 98.5                        |          | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 1000               | 98.6                        |          | 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       | 99.9      |
| GE 900                | 98.6                        |          | 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       | 99.9      |
| GE 800                | 98.6                        |          | 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       | 99.9      |
| GE 700                | 98.6                        |          | 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       | 99.9      |
| GE 600                | 98.6                        |          | 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       | 99.9      |
| GE 500                | 98.6                        |          | 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       | 99.9      |
| GE 400                | 98.6                        |          | 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       | 99.9      |
| GE 300                | 98.6                        |          | 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       | 99.9      |
| 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 0                  | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 83.5                        | 85.5    | 85.5    | 85.5    | 85.5    | 85.5        | 85.5    | 85.5        | 85.5        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5       | 85.5      | 85.5    |
| GE 20000              | 87.7                        | 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 18000              | 87.8                        | 89.8    | 89.8    | 89.8    | 89.8    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8       | 89.8      | 89.8    |
| GE 16000              | 87.8                        | 89.8    | 89.8    | 89.8    | 89.8    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8       | 89.8      | 89.8    |
| GE 14000              | 88.6                        | 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 12000              | 88.8                        | 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 10000              | 90.5                        | 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 9000               | 90.5                        | 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 8000               | 91.5                        | 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 7000               | 91.7                        | 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      | 93.8    |
| GE 6000               | 91.9                        | 94.0    | 94.0    | 94.0    | 94.0    | 94.0        | 94.0    | 94.0        | 94.0        | 94.0    | 94.0      | 94.0      | 94.0      | 94.0       | 94.0      | 94.0    |
| GE 5000               | 92.4                        | 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 4500               | 92.4                        | 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 4000               | 92.8                        | 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 3500               | 92.8                        | 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 3000               | 93.7                        | 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 2500               | 94.0                        | 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 2000               | 94.7                        | 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      | 96.8    |
| GE 1800               | 94.9                        | 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      | 97.0    |
| GE 1500               | 96.6                        | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 1200               | 96.7                        | 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       | 98.9      | 98.9    |
| GE 1000               | 96.9                        | 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      | 99.1    |
| GE 900                | 96.9                        | 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      | 99.1    |
| GE 800                | 97.0                        | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 700                | 97.0                        | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 600                | 97.0                        | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 500                | 97.2                        | 99.5    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 400                | 97.2                        | 99.5    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 300                | 97.4                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 97.4                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 97.4                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 97.4                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0600-0800

| CEILING<br>IN<br>FEET | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL               | 79.9     | 81.5    | 81.5    | 81.5    | 81.5    | 81.5        | 81.5    | 81.5        | 81.5        | 81.5    | 81.5      | 81.5      | 81.5      | 81.5       | 81.5      | 81.5    |
| GE 20000              | 86.1     | 88.1    | 88.2    | 88.2    | 88.2    | 88.2        | 88.2    | 88.2        | 88.2        | 88.2    | 88.2      | 88.2      | 88.2      | 88.2       | 88.2      | 88.2    |
| GE 18000              | 86.3     | 88.3    | 88.4    | 88.4    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.4      | 88.4    |
| GE 16000              | 86.3     | 88.3    | 88.4    | 88.4    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.4      | 88.4    |
| GE 14000              | 86.6     | 88.5    | 88.6    | 88.6    | 88.6    | 88.6        | 88.6    | 88.6        | 88.6        | 88.6    | 88.6      | 88.6      | 88.6      | 88.6       | 88.6      | 88.6    |
| GE 12000              | 87.2     | 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 10000              | 88.6     | 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      | 90.9    |
| GE 9000               | 88.8     | 91.0    | 91.1    | 91.1    | 91.1    | 91.1        | 91.1    | 91.1        | 91.1        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      | 91.1    |
| GE 8000               | 90.0     | 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      | 92.4    |
| GE 7000               | 90.1     | 92.4    | 92.5    | 92.5    | 92.5    | 92.5        | 92.5    | 92.5        | 92.5        | 92.5    | 92.5      | 92.5      | 92.5      | 92.5       | 92.5      | 92.5    |
| GE 6000               | 90.3     | 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      | 92.7    |
| GE 5000               | 90.8     | 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 4500               | 90.8     | 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 4000               | 91.1     | 93.3    | 93.4    | 93.4    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      | 93.4    |
| GE 3500               | 91.6     | 94.0    | 94.1    | 94.1    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 3000               | 93.0     | 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 2500               | 93.1     | 95.5    | 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 2000               | 93.8     | 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      | 96.6    |
| GE 1800               | 93.9     | 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 1500               | 95.3     | 97.8    | 98.1    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1       | 98.1      | 98.1    |
| GE 1200               | 95.7     | 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       | 98.5      | 98.5    |
| GE 1000               | 96.5     | 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 900                | 96.7     | 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 800                | 96.9     | 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 700                | 97.0     | 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                | 97.0     | 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                | 97.0     | 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                | 97.0     | 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                | 97.0     | 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                | 97.0     | 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                | 97.0     | 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 0                  | 97.0     | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>U |
| NO CEIL               | 81.8                        | 82.7    | 82.7    | 82.7    | 82.7    | 82.7        | 82.7    | 82.7        | 82.7        | 82.7    | 82.7      | 82.7      | 82.7      | 82.7       | 82.7      | 82.7    |
| GE 20000              | 87.3                        | 88.3    | 88.3    | 88.3    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 88.3      | 88.3      | 88.3      | 88.3       | 88.3      | 88.3    |
| GE 18000              | 87.4                        | 88.4    | 88.4    | 88.4    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.4      | 88.4    |
| GE 16000              | 87.4                        | 88.4    | 88.4    | 88.4    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.4      | 88.4    |
| GE 14000              | 88.2                        | 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 12000              | 88.8                        | 89.8    | 89.8    | 89.8    | 89.8    | 89.8        | 89.8    | 89.8        | 89.8        | 89.8    | 89.8      | 89.8      | 89.8      | 89.8       | 89.8      | 89.8    |
| GE 10000              | 89.6                        | 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 9000               | 89.6                        | 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 8000               | 91.3                        | 92.4    | 92.4    | 92.4    | 92.4    | 92.4        | 92.4    | 92.4        | 92.4        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4       | 92.4      | 92.4    |
| GE 7000               | 91.7                        | 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 6000               | 91.7                        | 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 5000               | 91.7                        | 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       | 93.1      | 93.1    |
| GE 4500               | 91.8                        | 93.2    | 93.2    | 93.2    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2       | 93.2      | 93.2    |
| GE 4000               | 92.2                        | 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 3500               | 94.0                        | 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 3000               | 95.9                        | 97.4    | 97.4    | 97.4    | 97.5    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6       | 97.6      | 97.6    |
| GE 2500               | 95.8                        | 98.3    | 98.3    | 98.3    | 98.4    | 98.5        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      | 98.5    |
| GE 2000               | 97.5                        | 99.0    | 99.0    | 99.0    | 99.1    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 1800               | 97.5                        | 99.0    | 99.0    | 99.0    | 99.1    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 1500               | 97.7                        | 99.2    | 99.2    | 99.2    | 99.4    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1200               | 98.1                        | 99.7    | 99.7    | 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 1000               | 98.2                        | 99.8    | 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     | 100.0   |
| GE 900                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 800                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 700                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 600                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 500                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 400                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 300                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 200                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 100                | 98.2                        | 99.8    | 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     | 100.0   |
| GE 0                  | 98.2                        | 99.8    | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 82.7                        | 82.8     | 82.8    | 82.8    | 82.8    | 82.8    | 82.8        | 82.8    | 82.8        | 82.8        | 82.8    | 82.8      | 82.8      | 82.8      | 82.8       | 82.8      |
| GE 20000              | 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      | 88.9      | 88.9       | 88.9      |
| GE 18000              | 88.9                        | 89.0     | 89.0    | 89.0    | 89.0    | 89.0    | 89.0        | 89.0    | 89.0        | 89.0        | 89.0    | 89.0      | 89.0      | 89.0      | 89.0       | 89.0      |
| GE 16000              | 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       | 89.2      |
| GE 14000              | 90.3                        | 90.4     | 90.5    | 90.5    | 90.5    | 90.5    | 90.5        | 90.5    | 90.5        | 90.5        | 90.5    | 90.5      | 90.5      | 90.5      | 90.5       | 90.5      |
| GE 12000              | 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       | 90.9      |
| GE 10000              | 91.7                        | 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       | 91.9      |
| GE 9000               | 91.7                        | 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       | 91.9      |
| GE 8000               | 93.1                        | 93.2     | 93.4    | 93.4    | 93.4    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      |
| GE 7000               | 93.3                        | 93.4     | 93.7    | 93.7    | 93.7    | 93.7    | 93.7        | 93.7    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.7      |
| GE 6000               | 93.4                        | 93.5     | 93.8    | 93.8    | 93.8    | 93.8    | 93.8        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8       | 93.8      |
| GE 5000               | 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 4500               | 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       | 94.6      |
| GE 4000               | 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 3500               | 96.0                        | 96.1     | 96.3    | 96.3    | 96.3    | 96.3    | 96.3        | 96.3    | 96.3        | 96.3        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3       | 96.3      |
| GE 3000               | 98.9                        | 99.2     | 99.5    | 99.5    | 99.5    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 2500               | 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 2000               | 99.4                        | 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               | 99.4                        | 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               | 99.4                        | 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               | 99.4                        | 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               | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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 0                  | 99.4                        | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 83.4                        | 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 20000              | 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      | 91.0       | 91.0      | 91.0    |
| GE 18000              | 90.9                        | 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              | 91.0                        | 91.3    | 91.3    | 91.3    | 91.3    | 91.3        | 91.3    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3       | 91.3      | 91.3    |
| GE 14000              | 91.5                        | 91.8    | 91.8    | 91.8    | 91.8    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8       | 91.8      | 91.8    |
| GE 12000              | 91.9                        | 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 10000              | 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 9000               | 93.3                        | 93.7    | 93.7    | 93.7    | 93.7    | 93.7        | 93.7    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.7      | 93.7    |
| GE 8000               | 94.7                        | 95.1    | 95.1    | 95.1    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 7000               | 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      | 95.6    |
| GE 6000               | 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      | 95.9       | 95.9      | 95.9    |
| GE 5000               | 96.2                        | 96.6    | 96.6    | 96.6    | 96.6    | 96.6        | 96.6    | 96.6        | 96.6        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6       | 96.6      | 96.6    |
| GE 4500               | 96.7                        | 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 4000               | 97.6                        | 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 3500               | 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      | 98.6    |
| GE 3000               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 2500               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 2000               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1800               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1500               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1200               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1000               | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 900                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 800                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 700                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 99.5                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 85.5                        | 85.5     | 85.5    | 85.5    | 85.5    | 85.5    | 85.5        | 85.5    | 85.5        | 85.5        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5       | 85.5      |
| GE 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 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 10000              | 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 9000               | 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      | 95.6       | 95.6      |
| GE 8000               | 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 7000               | 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 6000               | 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 5000               | 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 4500               | 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 4000               | 97.8                        | 98.2     | 98.2    | 98.2    | 98.2    | 98.2    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      |
| GE 3500               | 97.8                        | 98.2     | 98.2    | 98.2    | 98.2    | 98.2    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      |
| GE 3000               | 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       | 99.4      |
| GE 2500               | 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       | 99.4      |
| GE 2000               | 99.0                        | 99.4     | 99.5    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 1800               | 99.2                        | 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 1500               | 99.5                        | 99.9     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 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     | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 99.5                        | 99.9     | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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       | 89.1      | 89.1    |
| GE 20000              | 93.9                        | 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              | 91.9                        | 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              | 91.9                        | 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 14000              | 94.5                        | 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 12000              | 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      | 95.6    |
| GE 10000              | 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      | 95.8    |
| GE 9000               | 95.7                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 8000               | 96.6                        | 96.9    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 7000               | 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       | 97.3      | 97.3    |
| GE 6000               | 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       | 97.3      | 97.3    |
| GE 5000               | 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      | 97.4    |
| GE 4500               | 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      | 97.4    |
| GE 4000               | 98.0                        | 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    |
| GE 3500               | 98.0                        | 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    |
| GE 3000               | 98.1                        | 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      | 98.6    |
| GE 2500               | 98.1                        | 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      | 98.6    |
| GE 2000               | 98.2                        | 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 1800               | 98.3                        | 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 1500               | 98.9                        | 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    |
| GE 1200               | 99.0                        | 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    |
| GE 1000               | 99.1                        | 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 900                | 99.1                        | 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 800                | 99.1                        | 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 700                | 99.1                        | 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 600                | 99.1                        | 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 500                | 99.1                        | 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 400                | 99.1                        | 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 300                | 99.1                        | 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 200                | 99.1                        | 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 100                | 99.1                        | 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 0                  | 99.1                        | 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   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |  |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |  |
| NO CEIL               | 84.0                        | 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 20000              | 89.8                        | 90.6     | 90.6    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6       | 90.6      | 90.6    |  |
| GE 18000              | 90.0                        | 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 16000              | 90.0                        | 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 14000              | 90.7                        | 91.5     | 91.6    | 91.6    | 91.6    | 91.6    | 91.6        | 91.6    | 91.6        | 91.6        | 91.6    | 91.6      | 91.6      | 91.6      | 91.6       | 91.6      | 91.6    |  |
| GE 12000              | 91.2                        | 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       | 92.1      | 92.1    |  |
| GE 10000              | 92.2                        | 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      | 93.1    |  |
| GE 9000               | 92.3                        | 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      | 93.2    |  |
| GE 8000               | 93.6                        | 94.4     | 94.5    | 94.5    | 94.5    | 94.5    | 94.5        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5       | 94.5      | 94.5    |  |
| GE 7000               | 93.9                        | 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 6000               | 94.0                        | 94.9     | 94.9    | 94.9    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |  |
| GE 5000               | 94.3                        | 95.2     | 95.3    | 95.3    | 95.3    | 95.3    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3       | 95.3      | 95.3    |  |
| GE 4500               | 94.7                        | 95.3     | 95.4    | 95.4    | 95.4    | 95.4    | 95.4        | 95.4    | 95.4        | 95.4        | 95.4    | 95.4      | 95.4      | 95.4      | 95.4       | 95.4      | 95.4    |  |
| GE 4000               | 95.0                        | 96.0     | 96.1    | 96.1    | 96.1    | 96.1    | 96.1        | 96.1    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1       | 96.1      | 96.1    |  |
| GE 3500               | 95.5                        | 96.5     | 96.6    | 96.6    | 96.6    | 96.6    | 96.6        | 96.6    | 96.6        | 96.6        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6       | 96.6      | 96.6    |  |
| GE 3000               | 96.8                        | 97.8     | 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    |  |
| GE 2500               | 97.0                        | 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      | 98.2    |  |
| GE 2000               | 97.4                        | 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      | 98.6       | 98.6      | 98.6    |  |
| GE 1800               | 97.5                        | 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      | 98.7    |  |
| GE 1500               | 98.2                        | 99.4     | 99.4    | 99.4    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |  |
| GE 1200               | 98.3                        | 99.5     | 99.6    | 99.6    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |  |
| GE 1000               | 98.4                        | 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      | 99.8    |  |
| GE 900                | 98.5                        | 99.7     | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |  |
| GE 800                | 98.5                        | 99.8     | 99.8    | 99.8    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |  |
| GE 700                | 98.5                        | 99.8     | 99.8    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |  |
| GE 600                | 98.5                        | 99.8     | 99.8    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |  |
| GE 500                | 98.5                        | 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      | 99.9    |  |
| GE 400                | 98.5                        | 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      | 99.9    |  |
| GE 300                | 98.6                        | 99.9     | 99.9    | 99.9    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |
| GE 200                | 98.6                        | 99.9     | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |
| GE 100                | 98.6                        | 99.9     | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |
| GE 0                  | 98.6                        | 99.9     | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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 | GF<br>1 | GE<br>3/4 | GE<br>5/8 | GF<br>1/2 | GF<br>5/16 | GF<br>1/4 | GE<br>0 |
| NO CEIL               | 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       | 93.3      | 93.3    |
| GE 20000              | 95.9                        | 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 18000              | 95.9                        | 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              | 95.9                        | 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              | 95.9                        | 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 12000              | 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 10000              | 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       | 97.1      | 97.1    |
| GE 9000               | 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 8000               | 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      | 97.4    |
| GE 7000               | 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      | 97.7    |
| GE 6000               | 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      | 97.7    |
| GE 5000               | 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      | 97.7    |
| GE 4500               | 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      | 97.7    |
| GE 4000               | 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      | 98.4    |
| GE 3500               | 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      | 98.6    |
| GE 3000               | 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      | 99.0    |
| GE 2500               | 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      | 99.0    |
| GE 2000               | 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      | 99.0    |
| GE 1800               | 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      | 99.0    |
| GE 1500               | 99.2                        | 99.3    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 1200               | 99.2                        | 99.3    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 1000               | 99.2                        | 99.3    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 900                | 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 800                | 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      | 99.6    |
| GE 700                | 99.4                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| 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 0                  | 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: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 88.1                        | 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      | 86.9    |
| GE 20000              | 92.3                        | 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 18000              | 92.3                        | 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              | 92.3                        | 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 14000              | 92.4                        | 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 12000              | 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      | 94.1       | 94.1      | 94.1    |
| GE 10000              | 93.8                        | 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 9000               | 94.0                        | 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 8000               | 94.2                        | 95.0    | 95.0    | 95.0    | 95.0    | 95.0        | 95.0    | 95.0        | 95.0        | 95.0    | 95.0      | 95.0      | 95.0      | 95.0       | 95.0      | 95.0    |
| GE 7000               | 94.2                        | 95.0    | 95.0    | 95.0    | 95.0    | 95.0        | 95.0    | 95.0        | 95.0        | 95.0    | 95.0      | 95.0      | 95.0      | 95.0       | 95.0      | 95.0    |
| GE 6000               | 94.3                        | 95.1    | 95.1    | 95.1    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 5000               | 94.4                        | 95.2    | 95.2    | 95.2    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2       | 95.2      | 95.2    |
| GE 4500               | 94.4                        | 95.2    | 95.2    | 95.2    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2       | 95.2      | 95.2    |
| GE 4000               | 95.1                        | 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 3500               | 95.1                        | 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 3000               | 96.0                        | 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 2500               | 96.0                        | 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 2000               | 96.2                        | 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 1800               | 96.3                        | 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 1500               | 97.0                        | 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 1200               | 97.1                        | 98.0    | 98.0    | 98.0    | 98.0    | 98.0        | 98.0    | 98.0        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0       | 98.0      | 98.0    |
| GE 1000               | 97.3                        | 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                | 97.8                        | 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 800                | 97.9                        | 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 700                | 98.1                        | 99.3    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      | 99.4    |
| GE 600                | 98.4                        | 99.7    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 500                | 98.7                        | 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     | 100.0   |
| GE 400                | 98.7                        | 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     | 100.0   |
| GE 300                | 98.7                        | 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     | 100.0   |
| GE 200                | 98.7                        | 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     | 100.0   |
| GE 100                | 98.7                        | 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     | 100.0   |
| GE 0                  | 98.7                        | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 86.1                        | 87.3    | 87.3    | 87.3    | 87.3    | 87.3        | 87.3    | 87.3        | 87.3        | 87.3    | 87.3      | 87.3      | 87.3      | 87.3       | 87.3      |
| GE 20000              | 89.9                        | 91.1    | 91.1    | 91.1    | 91.1    | 91.1        | 91.1    | 91.1        | 91.1        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      |
| GE 18000              | 90.4                        | 91.7    | 91.7    | 91.7    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 91.7      | 91.7      | 91.7      | 91.7       | 91.7      |
| GE 16000              | 90.7                        | 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       | 91.9      |
| GE 14000              | 91.6                        | 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 12000              | 92.7                        | 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 10000              | 93.6                        | 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 9000               | 93.8                        | 95.0    | 95.0    | 95.0    | 95.0    | 95.0        | 95.0    | 95.0        | 95.0        | 95.0    | 95.0      | 95.0      | 95.0      | 95.0       | 95.0      |
| GE 8000               | 94.4                        | 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 7000               | 94.4                        | 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 6000               | 94.4                        | 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 5000               | 94.6                        | 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 4500               | 94.6                        | 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 4000               | 95.0                        | 96.2    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      |
| GE 3500               | 95.2                        | 96.4    | 96.4    | 96.4    | 96.4    | 96.4        | 96.4    | 96.4        | 96.4        | 96.4    | 96.4      | 96.4      | 96.4      | 96.4       | 96.4      |
| GE 3000               | 96.1                        | 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       | 97.6      |
| GE 2500               | 96.1                        | 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       | 97.6      |
| GE 2000               | 96.2                        | 97.7    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1800               | 96.2                        | 97.7    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1500               | 96.4                        | 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 1200               | 96.7                        | 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      |
| GE 1000               | 96.9                        | 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 900                | 97.3                        | 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       | 99.4      |
| GE 800                | 97.7                        | 99.7    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 700                | 97.7                        | 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      |
| GE 600                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE                    | 97.8                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 89.1                        | 89.6    | 89.6    | 89.6    | 89.6    | 89.6        | 89.6    | 89.6        | 89.6        | 89.6    | 89.6      | 89.6      | 89.6      | 89.6       | 89.6      | 89.6    |
| GE 20000              | 92.8                        | 93.2    | 93.2    | 93.2    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2       | 93.2      | 93.2    |
| GE 18000              | 93.1                        | 93.6    | 93.6    | 93.6    | 93.6    | 93.6        | 93.6    | 93.6        | 93.6        | 93.6    | 93.6      | 93.6      | 93.6      | 93.6       | 93.6      | 93.6    |
| GE 16000              | 93.1                        | 93.6    | 93.6    | 93.6    | 93.6    | 93.6        | 93.6    | 93.6        | 93.6        | 93.6    | 93.6      | 93.6      | 93.6      | 93.6       | 93.6      | 93.6    |
| GE 14000              | 93.7                        | 94.1    | 94.1    | 94.1    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 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              | 95.2                        | 95.7    | 95.7    | 95.7    | 95.7    | 95.7        | 95.7    | 95.7        | 95.7        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7       | 95.7      | 95.7    |
| GE 9000               | 95.4                        | 95.9    | 95.9    | 95.9    | 95.9    | 95.9        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9       | 95.9      | 95.9    |
| GE 8000               | 96.7                        | 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 7000               | 96.8                        | 97.2    | 97.2    | 97.2    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      | 97.2    |
| GE 6000               | 96.8                        | 97.2    | 97.2    | 97.2    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      | 97.2    |
| GE 5000               | 97.1                        | 97.6    | 97.6    | 97.6    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6       | 97.6      | 97.6    |
| GE 4500               | 97.1                        | 97.6    | 97.6    | 97.6    | 97.6    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6       | 97.6      | 97.6    |
| GE 4000               | 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 3500               | 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      | 98.1    |
| GE 3000               | 98.3                        | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 2500               | 98.3                        | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 2000               | 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      | 99.2       | 99.2      | 99.2    |
| GE 1800               | 98.9                        | 99.3    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      | 99.3    |
| GE 1500               | 99.3                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 1200               | 99.3                        | 99.8    | 99.8    | 99.8    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 1000               | 99.3                        | 99.8    | 99.8    | 99.8    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 900                | 99.3                        | 99.8    | 99.8    | 99.8    | 99.9    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 99.9    |
| GE 800                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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                | 99.4                        | 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 0                  | 99.4                        | 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: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 91.2                        | 91.8    | 91.8    | 91.8    | 91.8    | 91.8        | 91.8    | 91.8        | 91.8        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8       | 91.8      | 91.8    |
| GE 20000              | 94.7                        | 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 18000              | 95.0                        | 95.6    | 95.6    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6       | 95.6      | 95.6    |
| GE 16000              | 95.0                        | 95.6    | 95.6    | 95.6    | 95.6    | 95.6        | 95.6    | 95.6        | 95.6        | 95.6    | 95.6      | 95.6      | 95.6      | 95.6       | 95.6      | 95.6    |
| GE 14000              | 95.7                        | 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 12000              | 97.2                        | 97.8    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      | 97.8    |
| GE 10000              | 98.2                        | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 9000               | 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       | 98.9      | 98.9    |
| GE 8000               | 98.4                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 7000               | 98.4                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 6000               | 98.4                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 5000               | 98.4                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 4500               | 98.4                        | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 4000               | 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      | 99.1    |
| GE 3500               | 98.7                        | 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               | 99.1                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 2500               | 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      | 99.9       | 99.9      | 99.9    |
| GE 2000               | 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      | 99.9       | 99.9      | 99.9    |
| GE 1800               | 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      | 99.9       | 99.9      | 99.9    |
| GE 1500               | 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     | 100.0   |
| GE 1200               | 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     | 100.0   |
| GE 1000               | 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     | 100.0   |
| GE 900                | 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     | 100.0   |
| GE 800                | 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     | 100.0   |
| GE 700                | 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     | 100.0   |
| GE 600                | 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     | 100.0   |
| GE 500                | 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     | 100.0   |
| GE 400                | 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     | 100.0   |
| GE 300                | 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     | 100.0   |
| GE 200                | 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     | 100.0   |
| GE 100                | 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     | 100.0   |
| GE 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     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 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 10000              | 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 9000               | 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 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               | 99.0                        | 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 6000               | 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 5000               | 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 4500               | 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 4000               | 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 3500               | 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 3000               | 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 2500               | 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 2000               | 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 1800               | 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 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 0                  | 100.0                       | 100.0   | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 90.1                        | 90.1     | 90.1    | 90.1    | 90.1    | 90.1    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1       | 90.1      |
| GE 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 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 10000              | 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 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               | 98.6                        | 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 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               | 98.9                        | 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 3000               | 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 2500               | 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 2000               | 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 1800               | 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 1500               | 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 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 0                  | 100.0                       | 100.0    | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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       | 92.8      | 92.8    |
| GE 20000              | 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      | 95.6       | 95.6      | 95.6    |
| GE 18000              | 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      | 95.6       | 95.6      | 95.6    |
| GE 16000              | 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      | 95.6       | 95.6      | 95.6    |
| 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      | 96.3    |
| 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      | 96.7    |
| GE 10000              | 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      | 98.2    |
| GE 9000               | 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      | 98.2    |
| 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      | 98.4    |
| 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      | 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      | 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      | 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      | 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      | 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      | 98.7    |
| GE 3000               | 99.0                        | 99.0     | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 2500               | 99.0                        | 99.0     | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 2000               | 99.0                        | 99.0     | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 1800               | 99.0                        | 99.0     | 99.0    | 99.0    | 99.0    | 99.0    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |
| GE 1500               | 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      | 99.2    |
| GE 1200               | 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      | 99.4    |
| GE 1000               | 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      | 99.8    |
| GE 900                | 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      | 99.9    |
| 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 100.0   |
| GE 0                  | 99.9                        | 100.0    | 100.0   | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 90.2                        | 90.6    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6       | 90.6      | 90.6    |
| GE 20000              | 94.2                        | 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 18000              | 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      | 94.8    |
| GE 16000              | 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      | 94.8    |
| GE 14000              | 95.0                        | 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              | 95.8                        | 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 10000              | 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      | 97.1       | 97.1      | 97.1    |
| GE 9000               | 96.8                        | 97.2    | 97.2    | 97.2    | 97.2    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      | 97.2    |
| GE 8000               | 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       | 97.5      | 97.5    |
| GE 7000               | 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 6000               | 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 5000               | 97.3                        | 97.7    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      | 97.7    |
| GE 4500               | 97.3                        | 97.7    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      | 97.7    |
| GE 4000               | 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      | 98.0       | 98.0      | 98.0    |
| GE 3500               | 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      | 98.1    |
| GE 3000               | 98.3                        | 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 2500               | 98.3                        | 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 2000               | 98.4                        | 98.9    | 98.9    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      | 98.9    |
| GE 1800               | 98.5                        | 98.9    | 98.9    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      | 98.9    |
| GE 1500               | 98.8                        | 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 1200               | 98.9                        | 99.4    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      | 99.4    |
| GE 1000               | 99.7                        | 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 900                | 99.1                        | 99.6    | 99.7    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 800                | 99.2                        | 99.7    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 700                | 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      | 99.9       | 99.9      | 99.9    |
| GE 600                | 99.3                        | 99.9    | 100.0   | 100.0   | 100.0   | 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                        | 100.0   | 100.0   | 100.0   | 100.0   | 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                        | 100.0   | 100.0   | 100.0   | 100.0   | 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                        | 100.0   | 100.0   | 100.0   | 100.0   | 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                        | 100.0   | 100.0   | 100.0   | 100.0   | 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                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 01                 | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 20000              | 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 18000              | 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 16000              | 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 14000              | 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 12000              | 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 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               | 98.0                        | 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               | 98.0                        | 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               | 98.0                        | 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 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               | 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 4500               | 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 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       | 98.4      | 98.4    |
| 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       | 98.4      | 98.4    |
| 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       | 98.4      | 98.4    |
| 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       | 98.4      | 98.4    |
| GE 2000               | 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 1800               | 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 1500               | 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 1200               | 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 1000               | 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 900                | 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 800                | 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 700                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 91.0                        | 91.1     | 91.1    | 91.1    | 91.1    | 91.1    | 91.1        | 91.1    | 91.1        | 91.1        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      |
| GE 20000              | 93.3                        | 93.4     | 93.4    | 93.4    | 93.4    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      |
| GE 18000              | 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 16000              | 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 14000              | 94.9                        | 95.1     | 95.1    | 95.1    | 95.1    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      |
| GE 12000              | 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      | 97.1       | 97.1      |
| GE 10000              | 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 9000               | 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 8000               | 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      | 97.3       | 97.3      |
| GE 7000               | 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      | 97.3       | 97.3      |
| GE 6000               | 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      | 97.3       | 97.3      |
| GE 5000               | 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       | 97.5      |
| GE 4500               | 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       | 97.5      |
| GE 4000               | 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       | 97.5      |
| GE 3500               | 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       | 97.5      |
| GE 3000               | 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       | 97.5      |
| GE 2500               | 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       | 97.6      |
| GE 2000               | 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       | 97.7      |
| GE 1800               | 97.7                        | 97.8     | 97.8    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1500               | 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       | 98.1      |
| GE 1200               | 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 1000               | 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       | 99.0      |
| GE 900                | 99.2                        | 99.4     | 99.4    | 99.4    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 800                | 99.2                        | 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 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 0                  | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0600-0800

| CEILING  |    | VISIBILITY IN STATUTE MILES |      |      |       |       |       |          |          |       |        |        |        |         |        |       |  |  |
|----------|----|-----------------------------|------|------|-------|-------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|--|--|
| IN FEET  | 10 | GE 6                        | GE 5 | GE 4 | GE 3  | 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |  |  |
| NO CEIL  | 1  | 90.4                        | 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 20000 | 1  | 93.0                        | 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 18000 | 1  | 93.1                        | 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 16000 | 1  | 93.1                        | 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 14000 | 1  | 94.3                        | 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 12000 | 1  | 95.3                        | 95.8 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8     | 95.8     | 95.8  | 95.8   | 95.8   | 95.8   | 95.8    | 95.8   | 95.8  |  |  |
| GE 10000 | 1  | 96.0                        | 96.6 | 96.6 | 96.6  | 96.6  | 96.6  | 96.6     | 96.6     | 96.6  | 96.6   | 96.6   | 96.6   | 96.6    | 96.6   | 96.6  |  |  |
| GE 9000  | 1  | 96.1                        | 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 8000  | 1  | 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 7000  | 1  | 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 6000  | 1  | 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 5000  | 1  | 96.7                        | 97.2 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2     | 97.2     | 97.2  | 97.2   | 97.2   | 97.2   | 97.2    | 97.2   | 97.2  |  |  |
| GE 4500  | 1  | 96.7                        | 97.2 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2     | 97.2     | 97.2  | 97.2   | 97.2   | 97.2   | 97.2    | 97.2   | 97.2  |  |  |
| GE 4000  | 1  | 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 3500  | 1  | 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 3000  | 1  | 96.9                        | 97.4 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   | 97.4  |  |  |
| GE 2500  | 1  | 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 2000  | 1  | 97.3                        | 97.8 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8     | 97.8     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8    | 97.8   | 97.8  |  |  |
| GE 1800  | 1  | 97.4                        | 98.0 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0     | 98.0     | 98.0  | 98.0   | 98.0   | 98.0   | 98.0    | 98.0   | 98.0  |  |  |
| GE 1500  | 1  | 97.8                        | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4     | 98.4     | 98.4  | 98.4   | 98.4   | 98.4   | 98.4    | 98.4   | 98.4  |  |  |
| GE 1200  | 1  | 98.3                        | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8     | 98.8     | 98.8  | 98.8   | 98.8   | 98.8   | 98.8    | 98.8   | 98.8  |  |  |
| GE 1000  | 1  | 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 900   | 1  | 98.9                        | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   | 99.6  |  |  |
| GE 800   | 1  | 99.0                        | 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  |  |  |
| GE 700   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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   | 1  | 99.4                        | 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 0     | 1  | 99.4                        | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 91.3    |
| GE 20000              | 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      | 93.3    |
| GE 18000              | 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      | 93.5    |
| 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      | 94.0    |
| GE 14000              | 95.5                        | 95.5     | 95.5    | 95.5    | 95.5    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.5    | 95.5      | 95.5      | 95.5      | 95.5       | 95.5      | 95.5    |
| GE 12000              | 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      | 97.0    |
| 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      | 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      | 98.0    |
| GE 8000               | 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      | 98.2    |
| GE 7000               | 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      | 98.2    |
| 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      | 98.4       | 98.4      | 98.4    |
| GE 5000               | 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      | 98.5    |
| GE 4500               | 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      | 98.5    |
| GE 4000               | 98.6                        | 98.6     | 98.7    | 98.7    | 98.7    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 3500               | 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       | 98.9      | 98.9    |
| GE 3000               | 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      | 99.2    |
| GE 2500               | 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      | 99.2    |
| GE 2000               | 99.4                        | 99.4     | 99.5    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1800               | 99.5                        | 99.5     | 99.6    | 99.6    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1500               | 99.6                        | 99.7     | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 1200               | 99.6                        | 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      | 99.9    |
| GE 1000               | 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      | 100.0     | 100.0   |
| GE 900                | 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      | 100.0     | 100.0   |
| GE 800                | 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      | 100.0     | 100.0   |
| GE 700                | 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      | 100.0     | 100.0   |
| GE 600                | 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      | 100.0     | 100.0   |
| GE 500                | 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      | 100.0     | 100.0   |
| GE 400                | 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      | 100.0     | 100.0   |
| GE 300                | 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      | 100.0     | 100.0   |
| GE 200                | 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      | 100.0     | 100.0   |
| GE 100                | 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      | 100.0     | 100.0   |
| GE 0                  | 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      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 90.6                        | 90.6    | 90.6    | 90.6    | 90.6    | 90.6        | 90.6    | 90.6        | 90.6        | 90.6    | 90.6      | 90.6      | 90.6      | 90.6       | 90.6      | 90.6    |
| GE 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              | 94.5                        | 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 16000              | 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 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              | 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 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               | 98.1                        | 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 8000               | 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 7000               | 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 6000               | 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 5000               | 98.6                        | 98.6    | 98.7    | 98.7    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 4500               | 98.6                        | 98.6    | 98.7    | 98.7    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 4000               | 99.4                        | 99.4    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 3500               | 99.4                        | 99.4    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 3000               | 99.7                        | 99.7    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| 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 01                 | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 91.3                        | 91.7    | 91.7    | 91.7    | 91.7    | 91.7        | 91.7    | 91.7        | 91.7        | 91.7    | 91.7      | 91.7      | 91.7      | 91.7       | 91.7      | 91.7    |
| GE 20000              | 94.7                        | 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 18000              | 94.8                        | 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 16000              | 94.8                        | 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 14000              | 95.6                        | 96.0    | 96.1    | 96.1    | 96.1    | 96.1        | 96.1    | 96.1        | 96.1        | 96.1    | 96.1      | 96.1      | 96.1      | 96.1       | 96.1      | 96.1    |
| GE 12000              | 97.5                        | 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 10000              | 98.5                        | 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 9000               | 98.5                        | 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 8000               | 98.5                        | 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 7000               | 98.5                        | 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 6000               | 98.5                        | 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 5000               | 98.5                        | 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               | 98.5                        | 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                        | 99.6    | 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               | 99.2                        | 99.7    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 3000               | 99.4                        | 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 2500               | 99.5                        | 99.9    | 100.0   | 100.0   | 100.0   | 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                        | 99.9    | 100.0   | 100.0   | 100.0   | 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                        | 99.9    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1600               | 99.5                        | 99.9    | 100.0   | 100.0   | 100.0   | 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                        | 99.9    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 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    | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 99.5                        | 99.9    | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(IST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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      | 92.0       | 92.0      | 92.0    |
| GE 20000              | 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      | 94.8    |
| GE 18000              | 95.5                        | 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      | 95.6    |
| GE 16000              | 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 14000              | 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       | 97.3      | 97.3    |
| GE 12000              | 98.4                        | 98.5    | 98.5    | 98.5    | 98.5    | 98.5        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      | 98.5    |
| GE 10000              | 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 9000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 8000               | 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      | 99.9    |
| GE 7000               | 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      | 99.9    |
| GE 6000               | 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      | 99.9    |
| GE 5000               | 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      | 99.9    |
| GE 4500               | 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      | 99.9    |
| GE 4000               | 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      | 99.9    |
| 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 0                  | 99.9                        | 100.0   | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 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 20000              | 95.9                        | 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 18000              | 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              | 96.7                        | 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 14000              | 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 12000              | 99.0                        | 99.1    | 99.1    | 99.1    | 99.1    | 99.1        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 10000              | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 9000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 8000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 7000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 6000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 5000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 4500               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 4000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 3500               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 3000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 2500               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 2000               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 1800               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 1500               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 1200               | 99.7                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 1000               | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 900                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 800                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 700                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 600                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 99.8                        | 99.9    | 99.9    | 99.9    | 99.9    | 99.9        | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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       | 91.9      | 91.9    |
| GE 20000              | 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      | 94.5    |
| GE 18000              | 94.6                        | 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 16000              | 94.7                        | 94.9    | 94.9    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |
| GE 14000              | 95.8                        | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 12000              | 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      | 97.5    |
| GE 10000              | 98.1                        | 98.2    | 98.2    | 98.2    | 98.2    | 98.2        | 98.3    | 98.3        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3       | 98.3      | 98.3    |
| GE 9000               | 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      | 98.3    |
| GE 8000               | 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      | 98.4    |
| GE 7000               | 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      | 98.4    |
| GE 6000               | 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      | 98.5       | 98.5      | 98.5    |
| GE 5000               | 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      | 98.6    |
| GE 4500               | 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      | 98.6    |
| GE 4000               | 98.6                        | 98.8    | 98.8    | 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    |
| GE 3500               | 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       | 98.9      | 98.9    |
| GE 3000               | 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      | 99.0    |
| GE 2500               | 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      | 99.1    |
| GE 2000               | 99.0                        | 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 1800               | 99.0                        | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 1500               | 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      | 99.4       | 99.4      | 99.4    |
| GE 1200               | 99.3                        | 99.5    | 99.6    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1000               | 99.5                        | 99.7    | 99.7    | 99.7    | 99.7    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 900                | 99.5                        | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 800                | 99.6                        | 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 700                | 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     | 100.0   |
| GE 600                | 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     | 100.0   |
| GE 500                | 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     | 100.0   |
| GE 400                | 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     | 100.0   |
| GE 300                | 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     | 100.0   |
| GE 200                | 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     | 100.0   |
| GE 100                | 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     | 100.0   |
| GE 0                  | 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     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 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 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              | 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 16000              | 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 14000              | 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       | 96.5      | 96.5    |
| GE 12000              | 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 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               | 98.8                        | 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               | 99.1                        | 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               | 99.2                        | 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               | 99.2                        | 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               | 99.2                        | 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 4500               | 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 4000               | 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 3500               | 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 3000               | 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 2500               | 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 2000               | 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 1800               | 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 1500               | 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 1200               | 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 1000               | 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 900                | 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 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 0                  | 100.0                       | 100.0   | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 91.4                        |          | 91.5    | 91.5    | 91.5    | 91.5    | 91.5        | 91.5    | 91.5        | 91.5        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5       | 91.5      |
| GE 20000              | 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 18000              | 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              | 92.7                        |          | 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 14000              | 93.5                        |          | 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              | 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      |
| GE 10000              | 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 9000               | 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 8000               | 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       | 97.1      |
| GE 7000               | 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 6000               | 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 5000               | 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                        |          | 97.4    | 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               | 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 3500               | 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 3000               | 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 2500               | 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 2000               | 97.7                        |          | 97.8    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1800               | 97.7                        |          | 97.8    | 97.8    | 97.8    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      |
| GE 1500               | 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 1200               | 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 1000               | 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 900                | 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 800                | 99.7                        |          | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 700                | 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 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     |
| 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     |
| 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     |
| 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     |
| 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     |
| 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     |
| GE 0                  | 99.9                        |          | 100.0   | 100.0   | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(IST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 88.7                        | 89.0    | 89.0    | 89.0    | 89.0    | 89.0        | 89.0    | 89.0        | 89.0        | 89.0    | 89.0      | 89.0      | 89.0      | 89.0       | 89.0      | 89.0    |
| GE 20000              | 91.9                        | 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 18000              | 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      | 92.6       | 92.6      | 92.6    |
| GE 16000              | 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      | 92.6       | 92.6      | 92.6    |
| GE 14000              | 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 12000              | 94.8                        | 95.2    | 95.2    | 95.2    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2       | 95.2      | 95.2    |
| GE 10000              | 95.9                        | 96.2    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      | 96.2    |
| GE 9000               | 95.9                        | 96.2    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      | 96.2    |
| GE 8000               | 96.5                        | 96.8    | 96.8    | 96.8    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      | 96.8    |
| GE 7000               | 96.6                        | 96.9    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 6000               | 96.6                        | 96.9    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 5000               | 96.6                        | 96.9    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 4500               | 96.6                        | 96.9    | 96.9    | 96.9    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 4000               | 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 3500               | 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 3000               | 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       | 97.3      | 97.3    |
| GE 2500               | 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       | 97.3      | 97.3    |
| GE 2000               | 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      | 97.5    |
| GE 1800               | 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      | 97.5    |
| GE 1500               | 97.4                        | 97.7    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      | 97.7    |
| GE 1200               | 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      | 98.6    |
| GE 1000               | 99.1                        | 99.5    | 99.5    | 99.5    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 900                | 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      | 99.7    |
| GE 800                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 700                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 99.7                        | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 91.3                        | 91.5     | 91.5    | 91.5    | 91.5    | 91.5    | 91.5        | 91.5    | 91.5        | 91.5        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5       | 91.5      |
| GE 20000              | 94.6                        | 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 18000              | 94.7                        | 94.9     | 94.9    | 94.9    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      |
| GE 16000              | 94.7                        | 94.9     | 94.9    | 94.9    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      |
| GE 14000              | 95.3                        | 95.5     | 95.5    | 95.5    | 95.5    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.5    | 95.5      | 95.5      | 95.5      | 95.5       | 95.5      |
| GE 12000              | 96.0                        | 96.2     | 96.2    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      |
| GE 10000              | 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       | 97.5      |
| GE 9000               | 97.5                        | 97.7     | 97.7    | 97.7    | 97.7    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      |
| GE 8000               | 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      | 98.5      | 98.5       | 98.5      |
| GE 7000               | 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      | 98.5      | 98.5       | 98.5      |
| GE 6000               | 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       | 98.7      |
| GE 5000               | 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       | 98.7      |
| GE 4500               | 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       | 98.7      |
| GE 4000               | 98.6                        | 98.8     | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      |
| GE 3500               | 98.6                        | 98.8     | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      |
| GE 3000               | 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       | 99.0      |
| GE 2500               | 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       | 99.0      |
| GE 2000               | 99.0                        | 99.2     | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 1800               | 99.0                        | 99.2     | 99.2    | 99.2    | 99.2    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 1500               | 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 1200               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 1000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 900                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 800                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 700                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 600                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 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      | 91.8       | 91.8      |
| GE 20000              | 95.2                        | 95.4     | 95.4    | 95.4    | 95.4    | 95.4    | 95.4        | 95.4    | 95.4        | 95.4        | 95.4    | 95.4      | 95.4      | 95.4      | 95.4       | 95.4      |
| GE 18000              | 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       | 95.8      |
| GE 16000              | 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       | 95.8      |
| GE 14000              | 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       | 96.5      |
| GE 12000              | 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       | 97.5      |
| GE 10000              | 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      | 98.5      | 98.5       | 98.5      |
| GE 9000               | 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      | 98.5      | 98.5       | 98.5      |
| GE 8000               | 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       | 99.0      |
| GE 7000               | 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       | 99.1      |
| GE 6000               | 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 5000               | 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 4500               | 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 4000               | 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       | 99.7      |
| GE 3500               | 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       | 99.9      |
| GE 3000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 2500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 2000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 1800               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 1500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 1200               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 1000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 900                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 800                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 700                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 600                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 90.2                        | 90.4     | 90.4    | 90.4    | 90.4    | 90.4    | 90.4        | 90.4    | 90.4        | 90.4        | 90.4    | 90.4      | 90.4      | 90.4      | 90.4       | 90.4      | 90.4    |
| GE 20000              | 95.8                        | 96.0     | 96.0    | 96.0    | 96.0    | 96.0    | 96.0        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 18000              | 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       | 96.1      | 96.1    |
| GE 16000              | 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       | 96.1      | 96.1    |
| GE 14000              | 96.0                        | 96.2     | 96.2    | 96.2    | 96.2    | 96.2    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      | 96.2    |
| GE 12000              | 97.8                        | 98.1     | 98.1    | 98.1    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1       | 98.1      | 98.1    |
| GE 10000              | 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      | 99.4       | 99.4      | 99.4    |
| GE 9000               | 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      | 99.4       | 99.4      | 99.4    |
| GE 8000               | 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       | 99.7      | 99.7    |
| GE 7000               | 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       | 99.7      | 99.7    |
| GE 6000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 5000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 4500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 4000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 3500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 3000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 2500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 2000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1800               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1500               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1200               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1000               | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 900                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 800                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE C                  | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(IST): 1800-2000

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |       |       |       |       |       |       |       |       |       |       |  |
|----------|------|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| IN FEET  | 10   | 6                           | 5    | 4    | 3    | 2 1/2 | 2     | 1 1/2 | 1 1/4 | 1     | 3/4   | 5/8   | 1/2   | 5/16  | 1/4   | 0     |  |
| NO CEIL  | 92.2 | 92.2                        | 92.2 | 92.2 | 92.2 | 92.3  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |  |
| GE 20000 | 95.9 | 95.9                        | 95.9 | 95.9 | 95.9 | 96.0  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |  |
| GE 18000 | 96.0 | 96.0                        | 96.0 | 96.0 | 96.0 | 96.1  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |  |
| GE 16000 | 96.1 | 96.1                        | 96.1 | 96.1 | 96.1 | 96.2  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |  |
| GE 14000 | 96.5 | 96.5                        | 96.5 | 96.5 | 96.5 | 96.6  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |  |
| GE 12000 | 98.0 | 98.0                        | 98.0 | 98.0 | 98.0 | 98.1  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |  |
| GE 10000 | 99.0 | 99.0                        | 99.0 | 99.0 | 99.0 | 99.1  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |  |
| GE 9000  | 99.0 | 99.0                        | 99.0 | 99.0 | 99.0 | 99.1  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |  |
| GE 8000  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 7000  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 6000  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 5000  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 4500  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 4000  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 3500  | 99.6 | 99.6                        | 99.6 | 99.6 | 99.6 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |  |
| GE 3000  | 99.8 | 99.8                        | 99.8 | 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 2500  | 99.8 | 99.8                        | 99.8 | 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 2000  | 99.8 | 99.8                        | 99.8 | 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 1800  | 99.8 | 99.8                        | 99.8 | 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 1500  | 99.8 | 99.8                        | 99.8 | 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 1200  | 99.8 | 99.8                        | 99.8 | 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 1000  | 99.8 | 99.8                        | 99.8 | 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 900   | 99.8 | 99.8                        | 99.8 | 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 800   | 99.8 | 99.8                        | 99.8 | 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 700   | 99.8 | 99.8                        | 99.8 | 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 600   | 99.8 | 99.8                        | 99.8 | 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 500   | 99.8 | 99.8                        | 99.8 | 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   | 99.8 | 99.8                        | 99.8 | 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   | 99.8 | 99.8                        | 99.8 | 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   | 99.8 | 99.8                        | 99.8 | 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   | 99.8 | 99.8                        | 99.8 | 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 0     | 99.8 | 99.8                        | 99.8 | 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: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 2100-2300

| CEILING  |       | VISIBILITY IN STATUTE MILES |       |       |       |       |       |          |          |       |        |        |        |         |        |       |  |
|----------|-------|-----------------------------|-------|-------|-------|-------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|--|
| IN FEET  | 10    | GE 6                        | GE 5  | GE 4  | GE 3  | 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 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 | 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 | 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 16000 | 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 14000 | 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    | 96.6   | 96.6  |  |
| 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 | 98.8  | 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  | 99.6  | 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 6000  | 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 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  | 99.6  | 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 3500  | 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 3000  | 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 2500  | 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 2000  | 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 1800  | 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 1500  | 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 1200  | 99.8  | 99.8                        | 99.8  | 99.8  | 99.8  | 99.6  | 99.8  | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8    | 99.8   | 99.8  |  |
| 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 0     | 100.0 | 100.0                       | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 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      | 91.8       | 91.8      |
| GE 20000              | 94.7                        | 94.9     | 94.9    | 94.9    | 94.9    | 94.9    | 94.9        | 94.9    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      |
| GE 18000              | 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       | 95.0      |
| GE 16000              | 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       | 95.0      |
| GE 14000              | 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       | 95.6      |
| GE 12000              | 96.9                        | 97.0     | 97.0    | 97.0    | 97.0    | 97.0    | 97.0        | 97.1    | 97.1        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1       | 97.1      |
| GE 10000              | 98.0                        | 98.1     | 98.1    | 98.1    | 98.1    | 98.1    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      |
| GE 9000               | 98.0                        | 98.2     | 98.2    | 98.2    | 98.2    | 98.2    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      |
| GE 8000               | 98.5                        | 98.6     | 98.6    | 98.6    | 98.6    | 98.6    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      |
| GE 7000               | 98.6                        | 98.8     | 98.8    | 98.8    | 98.8    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      |
| GE 6000               | 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      | 98.9       | 98.9      |
| GE 5000               | 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      | 98.9       | 98.9      |
| GE 4500               | 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      | 98.9       | 98.9      |
| GE 4000               | 98.8                        | 98.9     | 98.9    | 98.9    | 98.9    | 98.9    | 99.0        | 99.0    | 99.0        | 99.0        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      |
| GE 3500               | 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       | 99.0      |
| GE 3000               | 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       | 99.1      |
| GE 2500               | 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       | 99.1      |
| GE 2000               | 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 1800               | 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 1500               | 99.2                        | 99.3     | 99.3    | 99.3    | 99.3    | 99.3    | 99.3        | 99.3    | 99.3        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.3      |
| GE 1200               | 99.4                        | 99.5     | 99.5    | 99.5    | 99.5    | 99.5    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 1000               | 99.7                        | 99.8     | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 900                | 99.7                        | 99.8     | 99.8    | 99.8    | 99.8    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 800                | 99.8                        | 99.9     | 99.9    | 99.9    | 99.9    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 700                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 600                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 99.8                        | 100.0    | 100.0   | 100.0   | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 85.1                        | 88.2    | 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 20000              | 87.1                        | 90.3    | 90.9    | 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 18000              | 87.2                        | 90.4    | 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      | 91.3    |
| GE 16000              | 87.2                        | 90.4    | 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      | 91.3    |
| GE 14000              | 87.7                        | 90.9    | 91.4    | 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 12000              | 89.2                        | 92.8    | 93.3    | 93.7    | 93.7    | 93.7        | 93.7    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.7      | 93.7    |
| GE 10000              | 90.3                        | 94.2    | 94.8    | 95.1    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 9000               | 90.3                        | 94.2    | 94.8    | 95.1    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 8000               | 91.4                        | 95.4    | 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    |
| GE 7000               | 91.6                        | 95.6    | 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 6000               | 91.7                        | 95.7    | 96.2    | 96.6    | 96.6    | 96.6        | 96.6    | 96.6        | 96.6        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6       | 96.6      | 96.6    |
| GE 5000               | 92.9                        | 96.9    | 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 4500               | 93.0                        | 97.0    | 97.6    | 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 4000               | 93.1                        | 97.2    | 97.8    | 98.1    | 98.1    | 98.1        | 98.1    | 98.1        | 98.1        | 98.1    | 98.1      | 98.1      | 98.1      | 98.1       | 98.1      | 98.1    |
| GE 3500               | 93.2                        | 97.3    | 97.9    | 98.2    | 98.2    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      | 98.2    |
| GE 3000               | 93.3                        | 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               | 93.3                        | 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               | 93.3                        | 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 1800               | 93.3                        | 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 1500               | 93.4                        | 97.7    | 98.2    | 98.6    | 98.7    | 98.7        | 98.7    | 98.7        | 98.7        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.7    |
| GE 1200               | 93.7                        | 98.2    | 98.8    | 99.1    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 1000               | 94.2                        | 98.8    | 99.3    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 900                | 94.2                        | 98.8    | 99.3    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 800                | 94.2                        | 98.8    | 99.3    | 99.7    | 99.8    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 700                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 94.2                        | 98.8    | 99.3    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 0300-0500

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |          |       |          |          |       |        |        |        |         |        |       |
|----------|------|-----------------------------|------|------|------|-------|----------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN       | FEET | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3  | GE 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  |      | 83.2                        | 87.4 | 87.8 | 88.2 | 88.2  | 88.2     | 88.2  | 88.2     | 88.2     | 88.2  | 88.2   | 88.2   | 88.2   | 88.2    | 88.2   | 88.2  |
| GE 20000 |      | 85.1                        | 89.3 | 89.7 | 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 |      | 85.1                        | 89.3 | 89.7 | 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 |      | 85.1                        | 89.3 | 89.7 | 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 14000 |      | 85.6                        | 89.8 | 90.1 | 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 |      | 87.0                        | 91.3 | 91.7 | 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 10000 |      | 88.7                        | 93.1 | 93.6 | 94.0 | 94.1  | 94.1     | 94.1  | 94.1     | 94.1     | 94.1  | 94.1   | 94.1   | 94.1   | 94.1    | 94.1   | 94.1  |
| GE 9000  |      | 88.7                        | 93.1 | 93.6 | 94.0 | 94.1  | 94.1     | 94.1  | 94.1     | 94.1     | 94.1  | 94.1   | 94.1   | 94.1   | 94.1    | 94.1   | 94.1  |
| GE 8000  |      | 89.4                        | 94.0 | 94.4 | 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 7000  |      | 89.7                        | 94.2 | 94.7 | 95.1 | 95.2  | 95.2     | 95.2  | 95.2     | 95.2     | 95.2  | 95.2   | 95.2   | 95.2   | 95.2    | 95.2   | 95.2  |
| GE 6000  |      | 89.9                        | 94.4 | 94.9 | 95.3 | 95.4  | 95.4     | 95.4  | 95.4     | 95.4     | 95.4  | 95.4   | 95.4   | 95.4   | 95.4    | 95.4   | 95.4  |
| GE 5000  |      | 90.6                        | 95.2 | 95.7 | 96.1 | 96.2  | 96.2     | 96.2  | 96.2     | 96.2     | 96.2  | 96.2   | 96.2   | 96.2   | 96.2    | 96.2   | 96.2  |
| GE 4500  |      | 90.6                        | 95.2 | 95.7 | 96.1 | 96.2  | 96.2     | 96.2  | 96.2     | 96.2     | 96.2  | 96.2   | 96.2   | 96.2   | 96.2    | 96.2   | 96.2  |
| GE 4000  |      | 91.0                        | 95.7 | 96.1 | 96.6 | 96.7  | 96.7     | 96.7  | 96.7     | 96.7     | 96.7  | 96.7   | 96.7   | 96.7   | 96.7    | 96.7   | 96.7  |
| GE 3500  |      | 91.1                        | 95.8 | 96.2 | 96.7 | 96.8  | 96.8     | 96.8  | 96.8     | 96.8     | 96.8  | 96.8   | 96.8   | 96.8   | 96.8    | 96.8   | 96.8  |
| GE 3000  |      | 91.6                        | 96.2 | 96.7 | 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  |
| GE 2500  |      | 91.6                        | 96.2 | 96.7 | 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  |
| GE 2000  |      | 91.6                        | 96.2 | 96.7 | 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  |
| GE 1800  |      | 91.7                        | 96.3 | 96.8 | 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 1500  |      | 92.1                        | 96.8 | 97.2 | 97.7 | 97.8  | 97.8     | 97.8  | 97.8     | 97.8     | 97.8  | 97.8   | 97.8   | 97.8   | 97.8    | 97.8   | 97.8  |
| GE 1200  |      | 92.7                        | 97.6 | 98.0 | 98.4 | 98.6  | 98.6     | 98.6  | 98.6     | 98.6     | 98.6  | 98.6   | 98.6   | 98.6   | 98.6    | 98.6   | 98.6  |
| GE 1000  |      | 92.8                        | 97.9 | 98.3 | 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 900   |      | 92.8                        | 97.9 | 98.3 | 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 800   |      | 92.9                        | 98.0 | 98.4 | 98.9 | 99.0  | 99.0     | 99.0  | 99.0     | 99.0     | 99.0  | 99.0   | 99.0   | 99.0   | 99.0    | 99.0   | 99.0  |
| GE 700   |      | 93.0                        | 98.2 | 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 600   |      | 93.1                        | 98.3 | 98.8 | 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 500   |      | 93.3                        | 98.7 | 99.1 | 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   |      | 93.3                        | 98.7 | 99.1 | 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   |      | 93.3                        | 98.7 | 99.1 | 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   |      | 93.3                        | 98.7 | 99.1 | 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   |      | 93.3                        | 98.7 | 99.1 | 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 0     |      | 93.3                        | 98.7 | 99.1 | 99.7 | 100.0 | 100.0    | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0600-0800

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |       |          |          |       |        |        |        |         |        |       |
|----------|------|-----------------------------|------|------|------|-------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN FEET  | 10   | GE 6                        | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  | 78.6 | 82.8                        | 83.8 | 84.1 | 84.3 | 84.3  | 84.3  | 84.3     | 84.3     | 84.3  | 84.3   | 84.3   | 84.3   | 84.3    | 84.3   | 84.3  |
| GE 20000 | 79.9 | 84.1                        | 85.2 | 85.6 | 85.8 | 85.8  | 85.8  | 85.8     | 85.8     | 85.8  | 85.8   | 85.8   | 85.8   | 85.8    | 85.8   | 85.8  |
| GE 18000 | 80.1 | 84.3                        | 85.4 | 85.8 | 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 | 80.1 | 84.3                        | 85.4 | 85.8 | 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 14000 | 80.4 | 84.7                        | 85.8 | 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 12000 | 81.2 | 85.4                        | 86.6 | 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  |
| GE 10000 | 82.7 | 86.9                        | 88.0 | 88.3 | 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 9000  | 82.7 | 86.9                        | 88.0 | 88.3 | 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 8000  | 83.9 | 88.1                        | 89.2 | 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  |
| GE 7000  | 84.3 | 88.6                        | 89.7 | 90.0 | 90.2 | 90.2  | 90.2  | 90.2     | 90.2     | 90.2  | 90.2   | 90.2   | 90.2   | 90.2    | 90.2   | 90.2  |
| GE 6000  | 84.8 | 89.0                        | 90.1 | 90.4 | 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 5000  | 85.1 | 89.3                        | 90.7 | 91.0 | 91.4 | 91.4  | 91.7  | 91.7     | 91.7     | 91.7  | 91.7   | 91.7   | 91.7   | 91.7    | 91.7   | 91.7  |
| GE 4500  | 85.3 | 89.6                        | 90.9 | 91.2 | 91.7 | 91.7  | 91.9  | 91.9     | 91.9     | 91.9  | 91.9   | 91.9   | 91.9   | 91.9    | 91.9   | 91.9  |
| GE 4000  | 86.1 | 90.3                        | 91.7 | 92.0 | 92.4 | 92.4  | 92.7  | 92.7     | 92.7     | 92.7  | 92.7   | 92.7   | 92.7   | 92.7    | 92.7   | 92.7  |
| GE 3500  | 86.9 | 91.1                        | 92.4 | 92.8 | 93.2 | 93.2  | 93.4  | 93.4     | 93.4     | 93.4  | 93.4   | 93.4   | 93.4   | 93.4    | 93.4   | 93.4  |
| GE 3000  | 88.8 | 93.1                        | 94.4 | 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  |
| GE 2500  | 89.0 | 93.3                        | 94.7 | 95.1 | 95.6 | 95.6  | 95.8  | 95.8     | 95.8     | 95.8  | 95.8   | 95.8   | 95.8   | 95.8    | 95.8   | 95.8  |
| GE 2000  | 89.8 | 94.2                        | 95.6 | 96.0 | 96.4 | 96.4  | 96.7  | 96.7     | 96.7     | 96.7  | 96.7   | 96.7   | 96.7   | 96.7    | 96.7   | 96.7  |
| GE 1800  | 90.1 | 94.6                        | 95.9 | 96.3 | 96.8 | 96.8  | 97.0  | 97.0     | 97.0     | 97.0  | 97.0   | 97.0   | 97.0   | 97.0    | 97.0   | 97.0  |
| GE 1500  | 90.6 | 95.0                        | 96.3 | 96.8 | 97.2 | 97.2  | 97.4  | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   | 97.4  |
| GE 1200  | 91.1 | 95.8                        | 97.1 | 97.6 | 98.0 | 98.0  | 98.2  | 98.2     | 98.2     | 98.2  | 98.2   | 98.2   | 98.2   | 98.2    | 98.2   | 98.2  |
| GE 1000  | 91.7 | 96.4                        | 97.9 | 98.3 | 98.8 | 98.9  | 99.1  | 99.1     | 99.1     | 99.1  | 99.1   | 99.1   | 99.1   | 99.1    | 99.1   | 99.1  |
| GE 900   | 91.7 | 96.4                        | 97.9 | 98.3 | 98.8 | 98.9  | 99.1  | 99.1     | 99.1     | 99.1  | 99.1   | 99.1   | 99.1   | 99.1    | 99.1   | 99.1  |
| GE 800   | 91.8 | 96.6                        | 98.0 | 98.4 | 98.9 | 99.0  | 99.2  | 99.2     | 99.2     | 99.2  | 99.2   | 99.2   | 99.2   | 99.2    | 99.2   | 99.2  |
| GE 700   | 91.9 | 96.7                        | 98.1 | 98.6 | 99.0 | 99.1  | 99.3  | 99.3     | 99.3     | 99.3  | 99.3   | 99.3   | 99.3   | 99.3    | 99.3   | 99.3  |
| GE 600   | 92.1 | 96.9                        | 98.3 | 98.8 | 99.2 | 99.3  | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   | 99.6  |
| GE 500   | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 400   | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 300   | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 200   | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 100   | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 0     | 92.2 | 97.1                        | 98.8 | 99.2 | 99.7 | 99.8  | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 80.2                        | 83.0    | 83.8    | 84.2    | 84.3    | 84.3        | 84.3    | 84.3        | 84.3        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3       | 84.3      | 84.3    |
| GE 20000              | 83.3                        | 86.1    | 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    |
| GE 18000              | 83.6                        | 86.3    | 87.2    | 87.7    | 87.8    | 87.8        | 87.8    | 87.8        | 87.8        | 87.8    | 87.8      | 87.8      | 87.8      | 87.8       | 87.8      | 87.8    |
| GE 16000              | 83.6                        | 86.3    | 87.2    | 87.7    | 87.8    | 87.8        | 87.8    | 87.8        | 87.8        | 87.8    | 87.8      | 87.8      | 87.8      | 87.8       | 87.8      | 87.8    |
| GE 14000              | 84.0                        | 86.8    | 87.7    | 88.1    | 88.2    | 88.2        | 88.2    | 88.2        | 88.2        | 88.2    | 88.2      | 88.2      | 88.2      | 88.2       | 88.2      | 88.2    |
| GE 12000              | 84.3                        | 87.1    | 88.0    | 88.4    | 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 10000              | 86.8                        | 89.6    | 90.4    | 90.9    | 91.0    | 91.0        | 91.0    | 91.0        | 91.0        | 91.0    | 91.0      | 91.0      | 91.0      | 91.0       | 91.0      | 91.0    |
| GE 9000               | 86.8                        | 89.6    | 90.4    | 90.9    | 91.0    | 91.0        | 91.0    | 91.0        | 91.0        | 91.0    | 91.0      | 91.0      | 91.0      | 91.0       | 91.0      | 91.0    |
| GE 8000               | 87.9                        | 90.7    | 91.7    | 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    |
| GE 7000               | 88.1                        | 90.9    | 91.9    | 92.3    | 92.4    | 92.4        | 92.4    | 92.4        | 92.4        | 92.4    | 92.4      | 92.4      | 92.4      | 92.4       | 92.4      | 92.4    |
| GE 6000               | 88.2                        | 91.1    | 92.2    | 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 5000               | 88.4                        | 91.3    | 92.9    | 93.3    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      | 93.4    |
| GE 4500               | 88.4                        | 91.3    | 92.9    | 93.3    | 93.4    | 93.4        | 93.4    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      | 93.4    |
| GE 4000               | 89.1                        | 92.0    | 93.6    | 94.0    | 94.1    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 3500               | 89.8                        | 92.9    | 94.6    | 95.0    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 3000               | 91.3                        | 94.4    | 96.1    | 96.6    | 96.7    | 96.7        | 96.7    | 96.7        | 96.7        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7       | 96.7      | 96.7    |
| GE 2500               | 92.3                        | 95.4    | 97.1    | 97.6    | 97.7    | 97.7        | 97.7    | 97.7        | 97.7        | 97.7    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      | 97.7    |
| GE 2000               | 93.3                        | 96.6    | 98.2    | 98.7    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 1800               | 93.3                        | 96.6    | 98.2    | 98.7    | 98.8    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |
| GE 1500               | 93.7                        | 96.9    | 98.6    | 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    |
| GE 1200               | 93.9                        | 97.3    | 99.0    | 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    |
| GE 1000               | 94.2                        | 97.8    | 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   |
| GE 900                | 94.2                        | 97.8    | 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   |
| GE 800                | 94.2                        | 97.8    | 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   |
| GE 700                | 94.2                        | 97.8    | 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   |
| GE 600                | 94.2                        | 97.8    | 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   |
| GE 500                | 94.2                        | 97.8    | 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   |
| GE 400                | 94.2                        | 97.8    | 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   |
| GE 300                | 94.2                        | 97.8    | 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   |
| GE 200                | 94.2                        | 97.8    | 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   |
| GE 100                | 94.2                        | 97.8    | 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   |
| GE 0                  | 94.2                        | 97.8    | 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   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 78.8                        | 81.9     | 82.4    | 83.4    | 83.7    | 83.8    | 83.8        | 83.8    | 83.8        | 83.8        | 83.8    | 83.8      | 83.8      | 83.8      | 83.8       | 83.8      |
| GE 20000              | 82.9                        | 86.0     | 86.6    | 87.6    | 87.8    | 87.9    | 87.9        | 87.9    | 87.9        | 87.9        | 87.9    | 87.9      | 87.9      | 87.9      | 87.9       | 87.9      |
| GE 18000              | 83.0                        | 86.1     | 86.7    | 87.7    | 87.9    | 88.0    | 88.0        | 88.0    | 88.0        | 88.0        | 88.0    | 88.0      | 88.0      | 88.0      | 88.0       | 88.0      |
| GE 16000              | 83.4                        | 86.6     | 87.1    | 88.1    | 88.3    | 88.4    | 88.4        | 88.4    | 88.4        | 88.4        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.4      |
| GE 14000              | 84.2                        | 87.3     | 87.9    | 88.9    | 89.1    | 89.2    | 89.2        | 89.2    | 89.2        | 89.2        | 89.2    | 89.2      | 89.2      | 89.2      | 89.2       | 89.2      |
| GE 12000              | 85.1                        | 88.2     | 88.8    | 89.8    | 90.0    | 90.1    | 90.2        | 90.2    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2       | 90.2      |
| GE 10000              | 87.6                        | 90.7     | 91.2    | 92.2    | 92.4    | 92.6    | 92.7        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7       | 92.7      |
| GE 9000               | 87.6                        | 90.7     | 91.2    | 92.2    | 92.4    | 92.6    | 92.7        | 92.7    | 92.7        | 92.7        | 92.7    | 92.7      | 92.7      | 92.7      | 92.7       | 92.7      |
| GE 8000               | 88.9                        | 92.0     | 92.6    | 93.6    | 93.8    | 93.9    | 94.0        | 94.0    | 94.0        | 94.0        | 94.0    | 94.0      | 94.0      | 94.0      | 94.0       | 94.0      |
| GE 7000               | 89.1                        | 92.2     | 92.8    | 93.8    | 94.0    | 94.1    | 94.2        | 94.2    | 94.2        | 94.2        | 94.2    | 94.2      | 94.2      | 94.2      | 94.2       | 94.2      |
| GE 6000               | 89.3                        | 92.6     | 93.1    | 94.1    | 94.3    | 94.4    | 94.6        | 94.6    | 94.6        | 94.6        | 94.6    | 94.6      | 94.6      | 94.6      | 94.6       | 94.6      |
| GE 5000               | 89.7                        | 93.1     | 93.7    | 94.7    | 94.9    | 95.0    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      |
| GE 4500               | 90.0                        | 93.4     | 94.0    | 95.0    | 95.2    | 95.3    | 95.4        | 95.4    | 95.4        | 95.4        | 95.4    | 95.4      | 95.4      | 95.4      | 95.4       | 95.4      |
| GE 4000               | 90.8                        | 94.2     | 94.8    | 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      |
| GE 3500               | 92.1                        | 95.6     | 96.1    | 97.1    | 97.3    | 97.4    | 97.6        | 97.6    | 97.6        | 97.6        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6       | 97.6      |
| GE 3000               | 93.9                        | 97.3     | 98.0    | 99.1    | 99.3    | 99.4    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 2500               | 94.0                        | 97.4     | 98.2    | 99.3    | 99.6    | 99.7    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 2000               | 94.2                        | 97.7     | 98.4    | 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     |
| GE 1800               | 94.2                        | 97.7     | 98.4    | 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     |
| GE 1500               | 94.2                        | 97.7     | 98.4    | 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     |
| GE 1200               | 94.2                        | 97.7     | 98.4    | 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     |
| GE 1000               | 94.2                        | 97.7     | 98.4    | 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     |
| GE 900                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 800                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 700                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 600                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 500                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 400                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 300                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 200                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 100                | 94.2                        | 97.7     | 98.4    | 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     |
| GE 0                  | 94.2                        | 97.7     | 98.4    | 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     |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1500-1700

| CEILING  |      | VISIBILITY IN STATUTE MILES |      |      |      |       |       |       |          |          |       |        |        |        |         |        |       |
|----------|------|-----------------------------|------|------|------|-------|-------|-------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN FEET  | 1    | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3  | 2 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  | 80.7 | 84.0                        | 84.3 | 85.3 | 85.3 | 85.3  | 85.3  | 85.3  | 85.3     | 85.3     | 85.3  | 85.3   | 85.3   | 85.3   | 85.3    | 85.3   | 85.3  |
| GE 20000 | 85.9 | 89.2                        | 89.6 | 90.6 | 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 18000 | 86.1 | 89.4                        | 89.8 | 90.8 | 90.8 | 90.9  | 90.9  | 90.9  | 90.9     | 90.9     | 90.9  | 90.9   | 90.9   | 90.9   | 90.9    | 90.9   | 90.9  |
| GE 16000 | 86.4 | 89.8                        | 90.1 | 91.1 | 91.1 | 91.2  | 91.2  | 91.2  | 91.2     | 91.2     | 91.2  | 91.2   | 91.2   | 91.2   | 91.2    | 91.2   | 91.2  |
| GE 14000 | 87.3 | 90.7                        | 91.0 | 92.0 | 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  |
| GE 12000 | 88.4 | 91.8                        | 92.1 | 93.1 | 93.1 | 93.2  | 93.2  | 93.2  | 93.2     | 93.2     | 93.2  | 93.2   | 93.2   | 93.2   | 93.2    | 93.2   | 93.2  |
| GE 10000 | 90.1 | 93.4                        | 93.8 | 94.8 | 94.8 | 95.0  | 95.0  | 95.0  | 95.0     | 95.0     | 95.0  | 95.0   | 95.0   | 95.0   | 95.0    | 95.0   | 95.0  |
| GE 9000  | 90.1 | 93.4                        | 93.8 | 94.8 | 94.8 | 95.0  | 95.0  | 95.0  | 95.0     | 95.0     | 95.0  | 95.0   | 95.0   | 95.0   | 95.0    | 95.0   | 95.0  |
| GE 8000  | 91.0 | 94.4                        | 94.8 | 95.9 | 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  | 91.1 | 94.6                        | 94.9 | 96.0 | 96.0 | 96.2  | 96.2  | 96.2  | 96.2     | 96.2     | 96.2  | 96.2   | 96.2   | 96.2   | 96.2    | 96.2   | 96.2  |
| GE 6000  | 91.2 | 94.7                        | 95.0 | 96.1 | 96.1 | 96.3  | 96.3  | 96.3  | 96.3     | 96.3     | 96.3  | 96.3   | 96.3   | 96.3   | 96.3    | 96.3   | 96.3  |
| GE 5000  | 91.7 | 95.2                        | 95.6 | 96.7 | 96.7 | 96.9  | 96.9  | 96.9  | 96.9     | 96.9     | 96.9  | 96.9   | 96.9   | 96.9   | 96.9    | 96.9   | 96.9  |
| GE 4500  | 91.7 | 95.2                        | 95.6 | 96.7 | 96.7 | 96.9  | 96.9  | 96.9  | 96.9     | 96.9     | 96.9  | 96.9   | 96.9   | 96.9   | 96.9    | 96.9   | 96.9  |
| GE 4000  | 92.1 | 95.8                        | 96.1 | 97.2 | 97.2 | 97.4  | 97.4  | 97.4  | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   | 97.4  |
| GE 3500  | 92.9 | 96.7                        | 97.0 | 98.1 | 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 3000  | 93.6 | 97.4                        | 97.8 | 98.9 | 98.9 | 99.1  | 99.1  | 99.1  | 99.1     | 99.1     | 99.1  | 99.1   | 99.1   | 99.1   | 99.1    | 99.1   | 99.1  |
| GE 2500  | 94.0 | 97.9                        | 98.2 | 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  | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 1800  | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 1500  | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 1200  | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 1000  | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 900   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 800   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 700   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 600   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 500   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 400   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 300   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 200   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 100   | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 0     | 94.3 | 98.2                        | 98.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 85.0                        | 88.2    | 88.2    | 88.7    | 88.9    | 88.9        | 88.9    | 88.9        | 88.9        | 88.9    | 88.9      | 88.9      | 88.9      | 88.9       | 88.9      | 88.9    |
| GE 20000              | 88.6                        | 92.4    | 92.4    | 92.9    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.1       | 93.1      | 93.1    |
| GE 18000              | 88.6                        | 92.4    | 92.4    | 93.0    | 93.2    | 93.2        | 93.2    | 93.2        | 93.2        | 93.2    | 93.2      | 93.2      | 93.2      | 93.2       | 93.2      | 93.2    |
| GE 16000              | 89.2                        | 93.1    | 93.1    | 93.7    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9       | 93.9      | 93.9    |
| GE 14000              | 89.2                        | 93.1    | 93.1    | 93.7    | 93.9    | 93.9        | 93.9    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9       | 93.9      | 93.9    |
| GE 12000              | 90.7                        | 94.6    | 94.6    | 95.1    | 95.3    | 95.3        | 95.3    | 95.3        | 95.3        | 95.3    | 95.3      | 95.3      | 95.3      | 95.3       | 95.3      | 95.3    |
| GE 10000              | 92.1                        | 96.0    | 96.0    | 96.6    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      | 96.8    |
| GE 9000               | 92.1                        | 96.0    | 96.0    | 96.6    | 96.8    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      | 96.8    |
| GE 8000               | 92.8                        | 96.7    | 96.7    | 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    |
| GE 7000               | 92.8                        | 96.7    | 96.7    | 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    |
| GE 6000               | 92.8                        | 96.7    | 96.7    | 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    |
| GE 5000               | 92.8                        | 96.7    | 96.7    | 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    |
| GE 4500               | 92.8                        | 96.7    | 96.7    | 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    |
| GE 4000               | 93.0                        | 96.9    | 96.9    | 97.6    | 97.8    | 97.8        | 97.8    | 97.8        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      | 97.8    |
| GE 3500               | 94.0                        | 97.9    | 97.9    | 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 3000               | 94.6                        | 98.6    | 98.7    | 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    |
| GE 2500               | 94.6                        | 98.6    | 98.7    | 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    |
| GE 2000               | 95.0                        | 99.0    | 99.1    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1800               | 95.0                        | 99.0    | 99.1    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1500               | 95.0                        | 99.0    | 99.1    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1200               | 95.0                        | 99.0    | 99.1    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 1000               | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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                | 95.0                        | 99.0    | 99.1    | 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 0                  | 95.0                        | 99.0    | 99.1    | 99.8    | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS: 2100-2300

| CEILING  |       | VISIBILITY IN STATUTE MILES |      |       |       |       |       |          |       |          |          |       |        |        |        |         |        |
|----------|-------|-----------------------------|------|-------|-------|-------|-------|----------|-------|----------|----------|-------|--------|--------|--------|---------|--------|
| IN       | FEET  | GE 10                       | GE 6 | GE 5  | GE 4  | GE 3  | GE 2  | GE 1 1/2 | GE 2  | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL  | 187.4 | 91.1                        | 91.2 | 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 20000 | 89.3  | 93.3                        | 93.4 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1     | 94.1  | 94.1     | 94.1     | 94.1  | 94.1   | 94.1   | 94.1   | 94.1    | 94.1   |
| GE 18000 | 89.3  | 93.3                        | 93.4 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1     | 94.1  | 94.1     | 94.1     | 94.1  | 94.1   | 94.1   | 94.1   | 94.1    | 94.1   |
| GE 16000 | 89.6  | 93.6                        | 93.7 | 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 | 90.0  | 94.0                        | 94.1 | 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 12000 | 91.0  | 95.1                        | 95.2 | 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 | 92.3  | 96.4                        | 96.6 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2     | 97.2  | 97.2     | 97.2     | 97.2  | 97.2   | 97.2   | 97.2   | 97.2    | 97.2   |
| GE 9000  | 92.3  | 96.4                        | 96.6 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2     | 97.2  | 97.2     | 97.2     | 97.2  | 97.2   | 97.2   | 97.2   | 97.2    | 97.2   |
| GE 8000  | 92.6  | 96.7                        | 96.8 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4     | 97.4  | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   |
| GE 7000  | 92.8  | 96.9                        | 97.0 | 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  | 92.8  | 96.9                        | 97.0 | 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  | 93.2  | 97.7                        | 97.9 | 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  | 93.2  | 97.7                        | 97.9 | 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  | 93.2  | 97.7                        | 97.9 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6     | 98.6  | 98.6     | 98.6     | 98.6  | 98.6   | 98.6   | 98.6   | 98.6    | 98.6   |
| GE 3500  | 93.4  | 98.1                        | 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 3000  | 93.8  | 98.6                        | 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 2500  | 93.9  | 98.7                        | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 2000  | 93.9  | 98.7                        | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 1800  | 93.9  | 98.7                        | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 1500  | 93.9  | 98.7                        | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 1200  | 93.9  | 98.7                        | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   |
| GE 1000  | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 900   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 800   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 700   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 600   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 500   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 400   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 300   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 200   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 100   | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |
| GE 0     | 94.2  | 99.0                        | 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  | 100.0   | 100.0  |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 82.4                        | 85.8    | 86.3    | 86.9    | 87.0    | 87.0        | 87.0    | 87.0        | 87.0        | 87.0    | 87.0      | 87.0      | 87.0      | 87.0       | 87.0      | 87.0    |
| GE 20000              | 85.3                        | 88.9    | 89.3    | 89.9    | 90.0    | 90.1        | 90.1    | 90.1        | 90.1        | 90.1    | 90.1      | 90.1      | 90.1      | 90.1       | 90.1      | 90.1    |
| GE 18000              | 85.4                        | 89.0    | 89.5    | 90.1    | 90.2    | 90.2        | 90.2    | 90.2        | 90.2        | 90.2    | 90.2      | 90.2      | 90.2      | 90.2       | 90.2      | 90.2    |
| GE 16000              | 85.6                        | 89.2    | 89.7    | 90.3    | 90.4    | 90.4        | 90.4    | 90.4        | 90.4        | 90.4    | 90.4      | 90.4      | 90.4      | 90.4       | 90.4      | 90.4    |
| GE 14000              | 86.1                        | 89.7    | 90.1    | 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    |
| GE 12000              | 87.1                        | 90.8    | 91.3    | 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 10000              | 88.8                        | 92.5    | 93.0    | 93.6    | 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 9000               | 88.8                        | 92.5    | 93.0    | 93.6    | 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 8000               | 89.7                        | 93.5    | 94.0    | 94.6    | 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 7000               | 89.9                        | 93.7    | 94.2    | 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    |
| GE 6000               | 90.1                        | 93.9    | 94.4    | 95.0    | 95.1    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2       | 95.2      | 95.2    |
| GE 5000               | 90.5                        | 94.4    | 95.1    | 95.7    | 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 4500               | 90.6                        | 94.5    | 95.1    | 95.8    | 95.9    | 95.9        | 96.0    | 96.0        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 4000               | 91.1                        | 95.0    | 95.6    | 96.2    | 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 3500               | 91.7                        | 95.7    | 96.3    | 96.9    | 97.1    | 97.1        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      | 97.2    |
| GE 3000               | 92.6                        | 96.7    | 97.3    | 98.0    | 98.1    | 98.2        | 98.2    | 98.2        | 98.2        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      | 98.2    |
| GE 2500               | 92.8                        | 96.9    | 97.6    | 98.2    | 98.4    | 98.4        | 98.5    | 98.5        | 98.5        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      | 98.5    |
| GE 2000               | 93.2                        | 97.3    | 97.9    | 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 1800               | 93.2                        | 97.3    | 98.0    | 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    |
| GE 1500               | 93.4                        | 97.5    | 98.2    | 98.8    | 99.0    | 99.0        | 99.1    | 99.1        | 99.1        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |
| GE 1200               | 93.6                        | 97.8    | 98.5    | 99.2    | 99.3    | 99.3        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      | 99.4    |
| GE 1000               | 93.8                        | 98.1    | 98.8    | 99.5    | 99.6    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 900                | 93.8                        | 98.1    | 98.8    | 99.5    | 99.6    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |
| GE 800                | 93.9                        | 98.1    | 98.8    | 99.5    | 99.7    | 99.7        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 700                | 93.9                        | 98.2    | 98.9    | 99.6    | 99.7    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 600                | 93.9                        | 98.2    | 98.9    | 99.6    | 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 500                | 94.0                        | 98.3    | 99.0    | 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                | 94.0                        | 98.3    | 99.0    | 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                | 94.0                        | 98.3    | 99.0    | 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                | 94.0                        | 98.3    | 99.0    | 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                | 94.0                        | 98.3    | 99.0    | 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 0                  | 94.0                        | 98.3    | 99.0    | 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: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(1ST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 73.9                        |          | 81.1    | 82.5    | 83.2    | 83.5    | 83.5        | 83.5    | 83.5        | 83.5        | 83.5    | 83.5      | 83.5      | 83.5      | 83.5       | 83.5      |
| GE 20000              | 76.7                        | 84.0     | 85.5    | 86.2    | 86.6    | 86.6    | 86.6        | 86.6    | 86.6        | 86.6        | 86.6    | 86.6      | 86.6      | 86.6      | 86.6       | 86.6      |
| GE 18000              | 76.7                        | 84.0     | 85.5    | 86.2    | 86.6    | 86.6    | 86.6        | 86.6    | 86.6        | 86.6        | 86.6    | 86.6      | 86.6      | 86.6      | 86.6       | 86.6      |
| GE 16000              | 76.7                        | 84.0     | 85.5    | 86.2    | 86.6    | 86.6    | 86.6        | 86.6    | 86.6        | 86.6        | 86.6    | 86.6      | 86.6      | 86.6      | 86.6       | 86.6      |
| GE 14000              | 78.1                        | 85.6     | 87.1    | 87.8    | 88.2    | 88.2    | 88.2        | 88.2    | 88.2        | 88.2        | 88.2    | 88.2      | 88.2      | 88.2      | 88.2       | 88.2      |
| GE 12000              | 79.7                        | 87.4     | 88.9    | 89.7    | 90.0    | 90.0    | 90.0        | 90.0    | 90.0        | 90.0        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0       | 90.0      |
| GE 10000              | 80.9                        | 89.5     | 91.0    | 91.7    | 92.0    | 92.0    | 92.0        | 92.0    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0       | 92.0      |
| GE 9000               | 81.3                        | 89.9     | 91.4    | 92.2    | 92.7    | 92.7    | 92.7        | 92.7    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8       | 92.8      |
| GE 8000               | 82.0                        | 90.9     | 92.4    | 93.2    | 93.8    | 93.8    | 93.8        | 93.8    | 93.9        | 93.9        | 93.9    | 93.9      | 93.9      | 93.9      | 93.9       | 93.9      |
| GE 7000               | 82.5                        | 91.3     | 93.1    | 94.3    | 95.1    | 95.1    | 95.1        | 95.1    | 95.2        | 95.2        | 95.2    | 95.3      | 95.3      | 95.3      | 95.3       | 95.3      |
| GE 6000               | 82.7                        | 91.5     | 93.3    | 94.5    | 95.3    | 95.3    | 95.3        | 95.3    | 95.4        | 95.4        | 95.4    | 95.5      | 95.5      | 95.5      | 95.5       | 95.5      |
| GE 5000               | 83.5                        | 92.5     | 94.3    | 95.5    | 96.2    | 96.2    | 96.2        | 96.2    | 96.3        | 96.3        | 96.3    | 96.5      | 96.5      | 96.5      | 96.5       | 96.5      |
| GE 4500               | 83.9                        | 92.8     | 94.6    | 95.8    | 96.6    | 96.6    | 96.6        | 96.6    | 96.7        | 96.7        | 96.7    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      |
| GE 4000               | 84.5                        | 93.7     | 95.5    | 96.7    | 97.4    | 97.5    | 97.5        | 97.5    | 97.6        | 97.6        | 97.6    | 97.7      | 97.7      | 97.7      | 97.7       | 97.7      |
| GE 3500               | 84.7                        | 93.9     | 95.7    | 96.9    | 97.6    | 97.7    | 97.7        | 97.7    | 97.8        | 97.8        | 97.8    | 98.0      | 98.0      | 98.0      | 98.0       | 98.0      |
| GE 3000               | 85.3                        | 94.7     | 96.8    | 98.1    | 98.8    | 98.9    | 98.9        | 98.9    | 99.0        | 99.0        | 99.0    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      |
| GE 2500               | 85.3                        | 94.7     | 96.8    | 98.1    | 98.8    | 98.9    | 98.9        | 98.9    | 99.0        | 99.0        | 99.0    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      |
| GE 2000               | 85.3                        | 94.7     | 96.9    | 98.2    | 98.9    | 99.0    | 99.0        | 99.0    | 99.1        | 99.1        | 99.1    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 1800               | 85.4                        | 94.8     | 97.0    | 98.3    | 99.0    | 99.1    | 99.1        | 99.1    | 99.2        | 99.2        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 1500               | 85.4                        | 94.8     | 97.0    | 98.3    | 99.0    | 99.1    | 99.1        | 99.1    | 99.2        | 99.2        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 1200               | 85.4                        | 94.8     | 97.0    | 98.3    | 99.0    | 99.1    | 99.1        | 99.1    | 99.2        | 99.2        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 1000               | 85.4                        | 94.8     | 97.0    | 98.3    | 99.0    | 99.1    | 99.1        | 99.1    | 99.2        | 99.2        | 99.2    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 900                | 85.4                        | 94.9     | 97.1    | 98.4    | 99.1    | 99.2    | 99.2        | 99.2    | 99.4        | 99.4        | 99.4    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 800                | 85.4                        | 94.9     | 97.1    | 98.4    | 99.1    | 99.2    | 99.2        | 99.2    | 99.4        | 99.4        | 99.4    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 700                | 85.4                        | 95.2     | 97.3    | 98.8    | 99.6    | 99.7    | 99.7        | 99.7    | 99.8        | 99.8        | 99.8    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 600                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 85.4                        | 95.2     | 97.3    | 98.9    | 99.7    | 99.8    | 99.8        | 99.8    | 99.9        | 99.9        | 99.9    | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 71.8                        | 79.7    | 82.6    | 83.2    | 84.2    | 84.2        | 84.2    | 84.2        | 84.2        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3       | 84.4      | 84.4    |
| GE 20000              | 74.5                        | 82.6    | 85.6    | 86.2    | 87.2    | 87.2        | 87.2    | 87.2        | 87.2        | 87.3    | 87.3      | 87.3      | 87.3      | 87.3       | 87.4      | 87.4    |
| GE 18000              | 74.5                        | 82.6    | 85.6    | 86.2    | 87.2    | 87.2        | 87.2    | 87.2        | 87.2        | 87.3    | 87.3      | 87.3      | 87.3      | 87.3       | 87.4      | 87.4    |
| GE 16000              | 74.5                        | 82.6    | 85.6    | 86.2    | 87.2    | 87.2        | 87.2    | 87.2        | 87.2        | 87.3    | 87.3      | 87.3      | 87.3      | 87.3       | 87.4      | 87.4    |
| GE 14000              | 75.3                        | 83.7    | 86.7    | 87.3    | 88.3    | 88.3        | 88.3    | 88.3        | 88.3        | 88.4    | 88.4      | 88.4      | 88.4      | 88.4       | 88.5      | 88.5    |
| GE 12000              | 77.2                        | 85.6    | 88.6    | 89.2    | 90.2    | 90.2        | 90.2    | 90.2        | 90.2        | 90.3    | 90.3      | 90.3      | 90.3      | 90.3       | 90.4      | 90.4    |
| GE 10000              | 78.5                        | 87.0    | 90.0    | 90.6    | 91.6    | 91.6        | 91.6    | 91.6        | 91.6        | 91.7    | 91.7      | 91.7      | 91.7      | 91.7       | 91.8      | 91.8    |
| GE 9000               | 78.6                        | 87.1    | 90.1    | 90.8    | 91.7    | 91.7        | 91.7    | 91.7        | 91.8        | 91.9    | 92.0      | 92.0      | 92.0      | 92.0       | 92.2      | 92.2    |
| GE 8000               | 79.5                        | 88.3    | 91.6    | 92.3    | 93.3    | 93.3        | 93.3    | 93.3        | 93.4        | 93.5    | 93.7      | 93.7      | 93.7      | 93.7       | 93.8      | 93.8    |
| GE 7000               | 80.0                        | 88.9    | 92.5    | 93.3    | 94.7    | 94.7        | 94.7    | 94.7        | 94.8        | 94.9    | 95.1      | 95.1      | 95.1      | 95.1       | 95.2      | 95.2    |
| GE 6000               | 80.4                        | 89.4    | 92.9    | 93.8    | 95.2    | 95.2        | 95.2    | 95.2        | 95.3        | 95.4    | 95.5      | 95.5      | 95.5      | 95.5       | 95.6      | 95.6    |
| GE 5000               | 81.0                        | 90.1    | 93.8    | 94.7    | 96.1    | 96.1        | 96.1    | 96.2        | 96.3        | 96.5    | 96.5      | 96.5      | 96.5      | 96.5       | 96.6      | 96.6    |
| GE 4500               | 81.1                        | 90.2    | 93.9    | 94.8    | 96.2    | 96.2        | 96.2    | 96.3        | 96.5        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6       | 96.7      | 96.7    |
| GE 4000               | 81.5                        | 90.6    | 94.3    | 95.3    | 96.9    | 96.9        | 96.9    | 97.0        | 97.2        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3       | 97.4      | 97.4    |
| GE 3500               | 81.9                        | 91.2    | 94.8    | 95.8    | 97.4    | 97.4        | 97.4    | 97.5        | 97.7        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 98.0      | 98.0    |
| GE 3000               | 82.3                        | 91.7    | 95.4    | 96.3    | 98.0    | 98.0        | 98.0    | 98.1        | 98.3        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.5      | 98.5    |
| GE 2500               | 82.3                        | 91.7    | 95.4    | 96.3    | 98.0    | 98.0        | 98.0    | 98.1        | 98.3        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.5      | 98.5    |
| GE 2000               | 82.4                        | 91.8    | 95.5    | 96.5    | 98.1    | 98.1        | 98.1    | 98.2        | 98.4        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.6      | 98.6    |
| GE 1800               | 82.4                        | 91.8    | 95.5    | 96.5    | 98.1    | 98.1        | 98.1    | 98.2        | 98.4        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.6      | 98.6    |
| GE 1500               | 82.7                        | 92.2    | 95.8    | 96.9    | 98.5    | 98.5        | 98.5    | 98.6        | 98.8        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 99.0      | 99.0    |
| GE 1200               | 82.7                        | 92.3    | 95.9    | 97.0    | 98.7    | 98.7        | 98.7    | 98.8        | 99.0        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.2      | 99.2    |
| GE 1000               | 82.7                        | 92.3    | 95.9    | 97.0    | 98.7    | 98.7        | 98.7    | 98.8        | 99.0        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.2      | 99.2    |
| GE 900                | 82.7                        | 92.3    | 95.9    | 97.0    | 98.7    | 98.7        | 98.7    | 98.8        | 99.0        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.2      | 99.2    |
| GE 800                | 82.7                        | 92.3    | 95.9    | 97.1    | 98.8    | 98.8        | 98.8    | 98.9        | 99.1        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.4      | 99.4    |
| GE 700                | 82.7                        | 92.3    | 95.9    | 97.2    | 98.9    | 99.0        | 99.1    | 99.2        | 99.5        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      | 99.7    |
| GE 600                | 82.7                        | 92.3    | 95.9    | 97.2    | 98.9    | 99.0        | 99.1    | 99.2        | 99.5        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.7      | 99.7    |
| GE 500                | 82.7                        | 92.3    | 95.9    | 97.3    | 99.0    | 99.1        | 99.2    | 99.4        | 99.6        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.8      | 99.8    |
| GE 400                | 82.7                        | 92.3    | 95.9    | 97.4    | 99.1    | 99.2        | 99.4    | 99.5        | 99.7        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.9      | 99.9    |
| GE 300                | 82.7                        | 92.3    | 95.9    | 97.4    | 99.2    | 99.4        | 99.5    | 99.6        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     | 100.0   |
| GE 200                | 82.7                        | 92.3    | 95.9    | 97.4    | 99.2    | 99.4        | 99.5    | 99.6        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     | 100.0   |
| GE 100                | 82.7                        | 92.3    | 95.9    | 97.4    | 99.2    | 99.4        | 99.5    | 99.6        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     | 100.0   |
| GE 0                  | 82.7                        | 92.3    | 95.9    | 97.4    | 99.2    | 99.4        | 99.5    | 99.6        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 0600-0600

| CEILING<br>IN<br>FEET | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL               | 64.9     | 73.2    | 74.5    | 76.2    | 77.1    | 77.5        | 78.4    | 78.9        | 78.9        | 79.0    | 79.0      | 79.0      | 79.0      | 79.0       | 79.0      | 79.1    |
| GE 20000              | 66.9     | 75.8    | 77.1    | 78.8    | 79.7    | 80.1        | 81.0    | 81.5        | 81.5        | 81.6    | 81.6      | 81.6      | 81.6      | 81.6       | 81.6      | 81.7    |
| GE 18000              | 67.2     | 76.1    | 77.4    | 79.1    | 80.0    | 80.4        | 81.3    | 81.8        | 81.8        | 81.9    | 81.9      | 81.9      | 81.9      | 81.9       | 81.9      | 82.0    |
| GE 16000              | 67.3     | 76.2    | 77.5    | 79.2    | 80.1    | 80.5        | 81.4    | 81.9        | 81.9        | 82.0    | 82.0      | 82.0      | 82.0      | 82.0       | 82.0      | 82.2    |
| GE 14000              | 68.3     | 77.8    | 79.2    | 81.0    | 81.8    | 82.3        | 83.1    | 83.7        | 83.7        | 83.8    | 83.8      | 83.8      | 83.8      | 83.8       | 83.8      | 83.9    |
| GE 12000              | 71.6     | 81.4    | 82.8    | 84.5    | 85.5    | 85.9        | 86.8    | 87.3        | 87.3        | 87.4    | 87.4      | 87.4      | 87.4      | 87.4       | 87.4      | 87.5    |
| GE 10000              | 73.7     | 83.4    | 84.8    | 86.6    | 87.6    | 88.1        | 88.9    | 89.6        | 89.6        | 89.7    | 89.7      | 89.7      | 89.7      | 89.7       | 89.7      | 89.8    |
| GE 9500               | 74.0     | 83.8    | 85.2    | 86.9    | 88.0    | 88.4        | 89.2    | 89.9        | 89.9        | 90.0    | 90.0      | 90.0      | 90.0      | 90.0       | 90.0      | 90.1    |
| GE 8000               | 74.9     | 84.8    | 86.5    | 88.2    | 89.2    | 89.7        | 90.6    | 91.3        | 91.3        | 91.4    | 91.4      | 91.4      | 91.4      | 91.4       | 91.4      | 91.5    |
| GE 7000               | 75.3     | 85.2    | 86.8    | 88.6    | 89.7    | 90.1        | 91.1    | 91.7        | 91.7        | 91.8    | 91.8      | 91.8      | 91.8      | 91.8       | 91.8      | 91.9    |
| GE 6000               | 75.6     | 85.6    | 87.2    | 89.0    | 90.1    | 90.5        | 91.5    | 92.2        | 92.2        | 92.3    | 92.3      | 92.3      | 92.3      | 92.3       | 92.3      | 92.4    |
| GE 5000               | 76.1     | 86.1    | 87.7    | 89.6    | 90.6    | 91.1        | 92.0    | 92.7        | 92.7        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8       | 92.8      | 92.9    |
| GE 4500               | 76.1     | 86.1    | 87.7    | 89.6    | 90.8    | 91.2        | 92.2    | 92.8        | 92.8        | 92.9    | 92.9      | 92.9      | 92.9      | 92.9       | 92.9      | 93.0    |
| GE 4000               | 77.0     | 87.3    | 88.9    | 90.9    | 92.0    | 92.5        | 93.7    | 94.4        | 94.4        | 94.6    | 94.6      | 94.6      | 94.6      | 94.6       | 94.6      | 94.7    |
| GE 3500               | 77.5     | 88.1    | 89.7    | 91.6    | 92.8    | 93.2        | 94.4    | 95.2        | 95.2        | 95.4    | 95.4      | 95.4      | 95.4      | 95.4       | 95.4      | 95.5    |
| GE 3000               | 78.5     | 89.2    | 90.9    | 92.8    | 94.0    | 94.4        | 95.6    | 96.5        | 96.5        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7       | 96.7      | 96.8    |
| GE 2500               | 78.8     | 89.6    | 91.2    | 93.1    | 94.3    | 94.7        | 95.9    | 96.8        | 96.8        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0       | 97.0      | 97.1    |
| GE 2000               | 79.0     | 89.9    | 91.5    | 93.4    | 94.6    | 95.1        | 96.2    | 97.2        | 97.2        | 97.4    | 97.4      | 97.4      | 97.4      | 97.4       | 97.4      | 97.5    |
| GE 1800               | 79.1     | 90.0    | 91.6    | 93.5    | 94.7    | 95.2        | 96.3    | 97.3        | 97.3        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5       | 97.5      | 97.6    |
| GE 1500               | 79.5     | 90.4    | 92.2    | 94.4    | 95.6    | 96.0        | 97.2    | 98.2        | 98.2        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      | 98.6    |
| GE 1200               | 79.6     | 90.5    | 92.3    | 94.5    | 95.7    | 96.1        | 97.3    | 98.3        | 98.3        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6       | 98.6      | 98.7    |
| GE 1000               | 79.7     | 90.6    | 92.4    | 94.6    | 95.8    | 96.2        | 97.4    | 98.4        | 98.4        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.8    |
| GE 900                | 79.7     | 90.6    | 92.4    | 94.6    | 95.8    | 96.2        | 97.4    | 98.4        | 98.4        | 98.7    | 98.7      | 98.7      | 98.7      | 98.7       | 98.7      | 98.8    |
| GE 800                | 79.7     | 90.8    | 92.5    | 94.9    | 96.1    | 96.6        | 97.7    | 98.7        | 98.7        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.1    |
| GE 700                | 79.7     | 90.8    | 92.5    | 95.1    | 96.2    | 96.7        | 97.8    | 98.9        | 98.9        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.4    |
| GE 600                | 79.7     | 90.8    | 92.5    | 95.1    | 96.2    | 96.7        | 97.8    | 98.9        | 98.9        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.4    |
| GE 500                | 79.7     | 90.8    | 92.5    | 95.1    | 96.2    | 96.7        | 98.0    | 99.0        | 99.0        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      | 99.5    |
| GE 400                | 79.7     | 90.8    | 92.5    | 95.1    | 96.2    | 96.7        | 98.1    | 99.2        | 99.2        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.8    |
| GE 300                | 79.7     | 90.8    | 92.5    | 95.1    | 96.5    | 96.9        | 98.3    | 99.5        | 99.5        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 100.0   |
| GE 200                | 79.7     | 90.8    | 92.5    | 95.1    | 96.5    | 96.9        | 98.3    | 99.5        | 99.5        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 100.0   |
| GE 100                | 79.7     | 90.8    | 92.5    | 95.1    | 96.5    | 96.9        | 98.3    | 99.5        | 99.5        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 100.0   |
| GE 0                  | 79.7     | 90.8    | 92.5    | 95.1    | 96.5    | 96.9        | 98.3    | 99.5        | 99.5        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |  |  |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|--|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |  |  |
| NO CEIL               | 64.9                        | 73.8    | 75.9    | 77.0    | 77.2    | 77.4        | 77.4    | 77.4        | 77.4        | 77.4    | 77.4      | 77.4      | 77.4      | 77.4       | 77.4      | 77.4    |  |  |
| GE 20000              | 69.5                        | 79.0    | 81.3    | 82.4    | 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 18000              | 70.0                        | 79.6    | 81.8    | 82.9    | 83.1    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 83.3      | 83.3      | 83.3      | 83.3       | 83.3      | 83.3    |  |  |
| GE 16000              | 70.0                        | 79.6    | 81.8    | 82.9    | 83.1    | 83.3        | 83.3    | 83.3        | 83.3        | 83.3    | 83.3      | 83.3      | 83.3      | 83.3       | 83.3      | 83.3    |  |  |
| GE 14000              | 71.6                        | 81.9    | 84.2    | 85.3    | 85.5    | 85.7        | 85.7    | 85.7        | 85.7        | 85.7    | 85.7      | 85.7      | 85.7      | 85.7       | 85.7      | 85.7    |  |  |
| GE 12000              | 73.8                        | 84.4    | 86.7    | 87.7    | 88.1    | 88.3        | 88.3    | 88.3        | 88.3        | 88.3    | 88.3      | 88.3      | 88.3      | 88.3       | 88.3      | 88.3    |  |  |
| GE 10000              | 75.5                        | 86.5    | 88.7    | 89.9    | 90.2    | 90.4        | 90.5    | 90.5        | 90.5        | 90.5    | 90.5      | 90.5      | 90.5      | 90.5       | 90.5      | 90.5    |  |  |
| GE 9000               | 75.9                        | 86.9    | 89.1    | 90.3    | 90.6    | 90.9        | 91.0    | 91.1        | 91.1        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      | 91.1    |  |  |
| GE 8000               | 77.5                        | 88.5    | 90.9    | 92.0    | 92.4    | 92.6        | 92.7    | 92.8        | 92.8        | 92.8    | 92.8      | 92.8      | 92.8      | 92.8       | 92.8      | 92.8    |  |  |
| GE 7000               | 77.8                        | 89.1    | 91.6    | 92.9    | 93.2    | 93.4        | 93.5    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.7      | 93.7    |  |  |
| GE 6000               | 78.2                        | 89.6    | 92.0    | 93.3    | 93.7    | 93.9        | 94.0    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      | 94.1    |  |  |
| GE 5000               | 78.6                        | 90.0    | 92.7    | 94.2    | 94.5    | 94.7        | 94.8    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |  |  |
| GE 4500               | 78.6                        | 90.0    | 92.7    | 94.2    | 94.5    | 94.7        | 94.8    | 94.9        | 94.9        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |  |  |
| GE 4000               | 79.6                        | 91.1    | 93.8    | 95.5    | 95.8    | 96.0        | 96.1    | 96.2        | 96.2        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3       | 96.3      | 96.3    |  |  |
| GE 3500               | 79.6                        | 91.1    | 93.8    | 95.5    | 95.8    | 96.0        | 96.1    | 96.2        | 96.2        | 96.3    | 96.3      | 96.3      | 96.3      | 96.3       | 96.3      | 96.3    |  |  |
| GE 3000               | 80.5                        | 92.2    | 94.9    | 96.7    | 97.0    | 97.2        | 97.3    | 97.4        | 97.4        | 97.5    | 97.5      | 97.5      | 97.5      | 97.5       | 97.5      | 97.5    |  |  |
| GE 2500               | 80.8                        | 92.6    | 95.4    | 97.1    | 97.4    | 97.6        | 97.7    | 97.8        | 97.8        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0       | 98.0      | 98.0    |  |  |
| GE 2000               | 80.9                        | 92.8    | 95.6    | 97.3    | 97.6    | 97.8        | 98.0    | 98.1        | 98.1        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      | 98.2    |  |  |
| GE 1800               | 81.0                        | 92.9    | 95.7    | 97.4    | 97.7    | 98.0        | 98.1    | 98.2        | 98.2        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3       | 98.3      | 98.3    |  |  |
| GE 1500               | 81.1                        | 93.0    | 95.8    | 97.5    | 97.8    | 98.1        | 98.2    | 98.3        | 98.3        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.4      | 98.4    |  |  |
| GE 1200               | 81.2                        | 93.1    | 95.9    | 97.6    | 98.0    | 98.2        | 98.3    | 98.4        | 98.4        | 98.5    | 98.5      | 98.5      | 98.5      | 98.5       | 98.5      | 98.5    |  |  |
| GE 1000               | 81.5                        | 93.4    | 96.2    | 98.0    | 98.3    | 98.5        | 98.6    | 98.7        | 98.7        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      | 98.8    |  |  |
| GE 900                | 81.5                        | 93.4    | 96.2    | 98.1    | 98.4    | 98.7        | 98.8    | 98.9        | 98.9        | 99.0    | 99.0      | 99.0      | 99.0      | 99.0       | 99.0      | 99.0    |  |  |
| GE 800                | 81.6                        | 93.5    | 96.3    | 98.2    | 98.5    | 98.8        | 98.9    | 99.0        | 99.0        | 99.1    | 99.1      | 99.1      | 99.1      | 99.1       | 99.1      | 99.1    |  |  |
| GE 700                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.1    | 99.2        | 99.2        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      | 99.4    |  |  |
| GE 600                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.1    | 99.4        | 99.4        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |  |  |
| GE 500                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.4    | 99.6        | 99.6        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      | 99.7    |  |  |
| GE 400                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.5    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |  |
| GE 300                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.5    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |  |
| GE 200                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.5    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |  |
| GE 100                | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.5    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |  |
| GE 0                  | 81.6                        | 93.5    | 96.5    | 98.3    | 98.7    | 99.0        | 99.5    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |  |  |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 67.0                        | 73.7    | 75.6    | 76.3    | 76.3    | 76.3        | 76.3    | 76.3        | 76.3        | 76.3    | 76.3      | 76.3      | 76.3      | 76.3       | 76.3      | 76.3    |
| GE 20000              | 73.2                        | 81.4    | 83.4    | 84.4    | 84.4    | 84.4        | 84.4    | 84.4        | 84.4        | 84.4    | 84.4      | 84.4      | 84.4      | 84.4       | 84.4      | 84.4    |
| GE 18000              | 74.1                        | 82.5    | 84.5    | 85.5    | 85.5    | 85.5        | 85.5    | 85.5        | 85.5        | 85.5    | 85.5      | 85.5      | 85.5      | 85.5       | 85.5      | 85.5    |
| GE 16000              | 74.3                        | 82.7    | 84.7    | 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 14000              | 74.9                        | 83.7    | 85.7    | 86.7    | 86.7    | 86.7        | 86.7    | 86.7        | 86.7        | 86.7    | 86.7      | 86.7      | 86.7      | 86.7       | 86.7      | 86.7    |
| GE 12000              | 77.6                        | 86.5    | 88.5    | 89.5    | 89.5    | 89.5        | 89.5    | 89.5        | 89.5        | 89.5    | 89.5      | 89.5      | 89.5      | 89.5       | 89.5      | 89.5    |
| GE 10000              | 80.2                        | 89.7    | 91.9    | 92.9    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.1       | 93.1      | 93.1    |
| GE 9000               | 80.2                        | 89.7    | 91.9    | 92.9    | 93.1    | 93.1        | 93.1    | 93.1        | 93.1        | 93.1    | 93.1      | 93.1      | 93.1      | 93.1       | 93.1      | 93.1    |
| GE 8000               | 81.4                        | 90.9    | 93.1    | 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    |
| GE 7000               | 81.9                        | 91.5    | 93.9    | 94.8    | 95.1    | 95.1        | 95.1    | 95.1        | 95.1        | 95.1    | 95.1      | 95.1      | 95.1      | 95.1       | 95.1      | 95.1    |
| GE 6000               | 81.9                        | 91.6    | 94.0    | 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 5000               | 82.6                        | 92.3    | 94.6    | 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    |
| GE 4500               | 82.6                        | 92.3    | 94.6    | 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    |
| GE 4000               | 83.4                        | 93.1    | 95.5    | 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 3500               | 83.5                        | 93.2    | 95.6    | 96.7    | 96.9    | 96.9        | 96.9    | 96.9        | 96.9        | 96.9    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      | 96.9    |
| GE 3000               | 84.8                        | 95.4    | 98.0    | 99.0    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 2500               | 84.8                        | 95.4    | 98.0    | 99.0    | 99.2    | 99.2        | 99.2    | 99.2        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 2000               | 85.1                        | 95.6    | 98.2    | 99.2    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1800               | 85.1                        | 95.6    | 98.2    | 99.2    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1500               | 85.1                        | 95.6    | 98.2    | 99.2    | 99.5    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      | 99.5    |
| GE 1200               | 85.1                        | 95.6    | 98.2    | 99.2    | 99.5    | 99.5        | 99.5    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      | 99.6    |
| GE 1000               | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.7        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 900                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.7        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      | 99.8    |
| GE 800                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 700                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 600                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 500                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 400                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 300                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 85.1                        | 95.7    | 98.4    | 99.5    | 99.7    | 99.7        | 99.7    | 99.9        | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(EST): 1500-1700

| CEILING  |  | VISIBILITY IN STATUTE MILES |      |      |      |      |          |      |          |          |       |        |        |        |         |        |       |
|----------|--|-----------------------------|------|------|------|------|----------|------|----------|----------|-------|--------|--------|--------|---------|--------|-------|
| IN FEET  |  | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1  | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  |  | 69.9                        | 75.1 | 76.3 | 76.6 | 76.9 | 77.0     | 77.3 | 77.4     | 77.4     | 77.4  | 77.4   | 77.4   | 77.4   | 77.4    | 77.4   | 77.4  |
| GE 20000 |  | 75.5                        | 81.1 | 82.5 | 82.9 | 83.2 | 83.3     | 83.7 | 83.8     | 83.8     | 83.8  | 83.8   | 83.8   | 83.8   | 83.8    | 83.8   | 83.8  |
| GE 18000 |  | 76.0                        | 81.7 | 83.1 | 83.5 | 83.9 | 84.0     | 84.3 | 84.4     | 84.4     | 84.4  | 84.4   | 84.4   | 84.4   | 84.4    | 84.4   | 84.4  |
| GE 16000 |  | 76.0                        | 81.7 | 83.1 | 83.5 | 83.9 | 84.0     | 84.3 | 84.4     | 84.4     | 84.4  | 84.4   | 84.4   | 84.4   | 84.4    | 84.4   | 84.4  |
| GE 14000 |  | 77.2                        | 83.0 | 84.4 | 84.8 | 85.2 | 85.3     | 85.6 | 85.7     | 85.7     | 85.7  | 85.7   | 85.7   | 85.7   | 85.7    | 85.7   | 85.7  |
| GE 12000 |  | 79.4                        | 85.3 | 86.7 | 87.1 | 87.4 | 87.5     | 87.8 | 88.0     | 88.0     | 88.0  | 88.0   | 88.0   | 88.0   | 88.0    | 88.0   | 88.0  |
| GE 10000 |  | 83.0                        | 89.6 | 91.1 | 91.5 | 91.8 | 91.9     | 92.3 | 92.4     | 92.4     | 92.4  | 92.4   | 92.4   | 92.4   | 92.4    | 92.4   | 92.4  |
| GE 9000  |  | 83.2                        | 89.8 | 91.3 | 91.7 | 92.0 | 92.2     | 92.5 | 92.6     | 92.6     | 92.6  | 92.6   | 92.6   | 92.6   | 92.6    | 92.6   | 92.6  |
| GE 8000  |  | 85.2                        | 92.0 | 93.5 | 94.1 | 94.4 | 94.5     | 94.8 | 94.9     | 94.9     | 94.9  | 94.9   | 94.9   | 94.9   | 94.9    | 94.9   | 94.9  |
| GE 7000  |  | 85.6                        | 92.5 | 94.0 | 94.5 | 94.8 | 95.1     | 95.5 | 95.6     | 95.6     | 95.6  | 95.6   | 95.6   | 95.6   | 95.6    | 95.6   | 95.6  |
| GE 6000  |  | 85.6                        | 92.5 | 94.0 | 94.5 | 94.9 | 95.2     | 95.6 | 95.7     | 95.7     | 95.7  | 95.7   | 95.7   | 95.7   | 95.7    | 95.7   | 95.7  |
| GE 5000  |  | 86.0                        | 92.9 | 94.4 | 95.1 | 95.6 | 95.8     | 96.2 | 96.3     | 96.3     | 96.3  | 96.3   | 96.3   | 96.3   | 96.3    | 96.3   | 96.3  |
| GE 4500  |  | 86.0                        | 92.9 | 94.4 | 95.1 | 95.6 | 95.8     | 96.2 | 96.3     | 96.3     | 96.3  | 96.3   | 96.3   | 96.3   | 96.3    | 96.3   | 96.3  |
| GE 4000  |  | 86.9                        | 93.9 | 95.5 | 96.1 | 96.7 | 96.9     | 97.3 | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   | 97.4  |
| GE 3500  |  | 86.9                        | 93.9 | 95.5 | 96.1 | 96.7 | 96.9     | 97.3 | 97.4     | 97.4     | 97.4  | 97.4   | 97.4   | 97.4   | 97.4    | 97.4   | 97.4  |
| GE 3000  |  | 87.8                        | 94.9 | 96.6 | 97.2 | 97.7 | 98.0     | 98.4 | 98.5     | 98.5     | 98.5  | 98.5   | 98.5   | 98.5   | 98.5    | 98.5   | 98.5  |
| GE 2500  |  | 88.2                        | 95.3 | 96.9 | 97.5 | 98.1 | 98.3     | 98.7 | 98.8     | 98.8     | 98.8  | 98.8   | 98.8   | 98.8   | 98.8    | 98.8   | 98.8  |
| GE 2000  |  | 88.5                        | 95.6 | 97.2 | 97.8 | 98.4 | 98.6     | 99.0 | 99.1     | 99.1     | 99.1  | 99.1   | 99.1   | 99.1   | 99.1    | 99.1   | 99.1  |
| GE 1800  |  | 88.5                        | 95.7 | 97.3 | 98.0 | 98.5 | 98.7     | 99.1 | 99.2     | 99.2     | 99.2  | 99.2   | 99.2   | 99.2   | 99.2    | 99.2   | 99.2  |
| GE 1500  |  | 88.5                        | 95.9 | 97.5 | 98.2 | 98.7 | 98.9     | 99.4 | 99.5     | 99.5     | 99.5  | 99.5   | 99.5   | 99.5   | 99.5    | 99.5   | 99.5  |
| GE 1200  |  | 88.5                        | 95.9 | 97.5 | 98.2 | 98.7 | 98.9     | 99.4 | 99.5     | 99.5     | 99.5  | 99.5   | 99.5   | 99.5   | 99.5    | 99.5   | 99.5  |
| GE 1000  |  | 88.5                        | 95.9 | 97.5 | 98.3 | 98.8 | 99.0     | 99.5 | 99.6     | 99.6     | 99.6  | 99.6   | 99.6   | 99.6   | 99.6    | 99.6   | 99.6  |
| GE 900   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8    | 99.8   | 99.8  |
| GE 800   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 99.8     | 99.8     | 99.8  | 99.8   | 99.8   | 99.8   | 99.8    | 99.8   | 99.8  |
| GE 700   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 99.9     | 99.9     | 99.9  | 99.9   | 99.9   | 99.9   | 99.9    | 99.9   | 99.9  |
| GE 600   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 500   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 400   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 300   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 200   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 100   |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |
| GE 0     |  | 88.5                        | 95.9 | 97.5 | 98.3 | 99.0 | 99.2     | 99.7 | 100.0    | 100.0    | 100.0 | 100.0  | 100.0  | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 73.4                        | 78.5     | 79.5    | 79.8    | 80.0    | 80.0    | 80.1        | 80.1    | 80.1        | 80.1        | 80.1    | 80.1      | 80.1      | 80.1      | 80.1       | 80.1      |
| GE 20000              | 76.7                        | 82.0     | 83.1    | 83.4    | 83.7    | 83.7    | 83.8        | 83.8    | 83.8        | 83.8        | 83.8    | 83.8      | 83.8      | 83.8      | 83.8       | 83.8      |
| GE 18000              | 76.9                        | 82.3     | 83.3    | 83.7    | 83.9    | 83.9    | 84.0        | 84.0    | 84.0        | 84.0        | 84.0    | 84.0      | 84.0      | 84.0      | 84.0       | 84.0      |
| GE 16000              | 76.9                        | 82.3     | 83.3    | 83.7    | 83.9    | 83.9    | 84.0        | 84.0    | 84.0        | 84.0        | 84.0    | 84.0      | 84.0      | 84.0      | 84.0       | 84.0      |
| GE 14000              | 78.4                        | 84.1     | 85.2    | 85.5    | 85.7    | 85.7    | 85.8        | 85.8    | 85.8        | 85.8        | 85.8    | 85.8      | 85.8      | 85.8      | 85.8       | 85.8      |
| GE 12000              | 79.8                        | 85.5     | 86.6    | 86.9    | 87.1    | 87.1    | 87.2        | 87.2    | 87.2        | 87.2        | 87.2    | 87.2      | 87.2      | 87.2      | 87.2       | 87.2      |
| GE 10000              | 82.7                        | 88.8     | 90.1    | 90.6    | 90.9    | 90.9    | 91.0        | 91.0    | 91.0        | 91.0        | 91.0    | 91.0      | 91.0      | 91.0      | 91.0       | 91.0      |
| GE 9000               | 83.4                        | 89.9     | 91.2    | 91.8    | 92.0    | 92.0    | 92.2        | 92.2    | 92.2        | 92.2        | 92.2    | 92.2      | 92.2      | 92.2      | 92.2       | 92.2      |
| GE 8000               | 84.6                        | 91.4     | 92.7    | 93.4    | 93.7    | 93.7    | 93.8        | 93.8    | 93.8        | 93.8        | 93.8    | 93.8      | 93.8      | 93.8      | 93.8       | 93.8      |
| GE 7000               | 84.7                        | 91.6     | 92.9    | 93.7    | 94.0    | 94.0    | 94.1        | 94.1    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      |
| GE 6000               | 84.9                        | 91.8     | 93.1    | 93.9    | 94.2    | 94.2    | 94.5        | 94.5    | 94.5        | 94.5        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5       | 94.5      |
| GE 5000               | 86.3                        | 93.2     | 94.5    | 95.3    | 95.6    | 95.8    | 95.9        | 95.9    | 95.9        | 95.9        | 95.9    | 95.9      | 95.9      | 95.9      | 95.9       | 95.9      |
| GE 4500               | 86.5                        | 93.5     | 94.8    | 95.6    | 95.9    | 96.1    | 96.2        | 96.2    | 96.2        | 96.2        | 96.2    | 96.2      | 96.2      | 96.2      | 96.2       | 96.2      |
| GE 4000               | 86.7                        | 93.9     | 95.3    | 96.1    | 96.5    | 96.7    | 96.8        | 96.8    | 96.8        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      |
| GE 3500               | 87.1                        | 94.3     | 95.7    | 96.6    | 96.9    | 97.1    | 97.2        | 97.2    | 97.2        | 97.2        | 97.2    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      |
| GE 3000               | 88.1                        | 95.6     | 97.2    | 98.1    | 98.5    | 98.7    | 98.8        | 98.8    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.8      |
| GE 2500               | 88.4                        | 96.1     | 97.8    | 98.7    | 99.1    | 99.4    | 99.5        | 99.5    | 99.5        | 99.5        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 2000               | 88.4                        | 96.2     | 98.0    | 98.8    | 99.2    | 99.5    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 1800               | 88.4                        | 96.2     | 98.0    | 98.8    | 99.2    | 99.5    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 1500               | 88.5                        | 96.3     | 98.1    | 98.9    | 99.4    | 99.6    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 1200               | 88.5                        | 96.3     | 98.1    | 98.9    | 99.4    | 99.6    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 1000               | 88.5                        | 96.3     | 98.1    | 98.9    | 99.5    | 99.7    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 900                | 88.5                        | 96.3     | 98.1    | 98.9    | 99.5    | 99.7    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 800                | 88.5                        | 96.3     | 98.1    | 98.9    | 99.5    | 99.7    | 99.8        | 99.8    | 99.8        | 99.8        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 700                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.6    | 99.8    | 99.9        | 99.9    | 99.9        | 99.9        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 99.9      |
| GE 600                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 500                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 400                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 88.6                        | 96.5     | 98.2    | 99.0    | 99.7    | 99.9    | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 72.9                        | 80.2     | 81.6    | 81.6    | 81.6    | 81.6    | 81.6        | 81.6    | 81.6        | 81.6        | 81.6    | 81.6      | 81.6      | 81.6      | 81.6       | 81.6      |
| GE 20000              | 75.4                        | 82.8     | 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       | 84.2      |
| GE 18000              | 75.5                        | 82.9     | 84.3    | 84.3    | 84.3    | 84.3    | 84.3        | 84.3    | 84.3        | 84.3        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3       | 84.3      |
| GE 16000              | 75.7                        | 83.1     | 84.5    | 84.5    | 84.5    | 84.5    | 84.5        | 84.5    | 84.5        | 84.5        | 84.5    | 84.5      | 84.5      | 84.5      | 84.5       | 84.5      |
| GE 14000              | 76.7                        | 84.4     | 85.8    | 85.8    | 85.8    | 85.8    | 85.8        | 85.8    | 85.8        | 85.8        | 85.8    | 85.8      | 85.8      | 85.8      | 85.8       | 85.8      |
| GE 12000              | 78.5                        | 86.6     | 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      |
| GE 10000              | 81.0                        | 89.6     | 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 9000               | 81.4                        | 90.2     | 91.9    | 91.9    | 92.3    | 92.3    | 92.3        | 92.3    | 92.3        | 92.3        | 92.3    | 92.3      | 92.3      | 92.3      | 92.3       | 92.3      |
| GE 8000               | 83.5                        | 92.6     | 94.6    | 94.8    | 95.2    | 95.2    | 95.2        | 95.2    | 95.2        | 95.2        | 95.2    | 95.2      | 95.2      | 95.2      | 95.2       | 95.2      |
| GE 7000               | 83.7                        | 92.7     | 94.7    | 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 6000               | 83.9                        | 92.9     | 94.9    | 95.2    | 95.5    | 95.5    | 95.5        | 95.5    | 95.5        | 95.5        | 95.5    | 95.5      | 95.5      | 95.5      | 95.5       | 95.5      |
| GE 5000               | 84.9                        | 94.0     | 96.0    | 96.2    | 96.6    | 96.6    | 96.6        | 96.6    | 96.6        | 96.6        | 96.6    | 96.6      | 96.6      | 96.6      | 96.6       | 96.6      |
| GE 4500               | 85.3                        | 94.4     | 96.5    | 96.7    | 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               | 85.7                        | 94.9     | 97.1    | 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      |
| GE 3500               | 86.0                        | 95.3     | 97.4    | 97.7    | 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 3000               | 86.2                        | 95.8     | 98.1    | 98.5    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      |
| GE 2500               | 86.2                        | 95.8     | 98.1    | 98.5    | 98.9    | 98.9    | 98.9        | 98.9    | 98.9        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      |
| GE 2000               | 86.5                        | 96.1     | 98.4    | 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 1800               | 86.5                        | 96.1     | 98.4    | 98.8    | 99.4    | 99.4    | 99.4        | 99.4    | 99.4        | 99.4        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 1500               | 86.5                        | 96.1     | 98.5    | 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      |
| GE 1200               | 86.5                        | 96.1     | 98.5    | 99.0    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 1000               | 86.5                        | 96.1     | 98.5    | 99.0    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 900                | 86.5                        | 96.1     | 98.5    | 99.0    | 99.6    | 99.6    | 99.6        | 99.6    | 99.6        | 99.6        | 99.6    | 99.6      | 99.6      | 99.6      | 99.6       | 99.6      |
| GE 800                | 86.5                        | 96.1     | 98.5    | 99.0    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 700                | 86.5                        | 96.1     | 98.5    | 99.0    | 99.7    | 99.7    | 99.7        | 99.7    | 99.7        | 99.7        | 99.7    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 600                | 86.5                        | 96.1     | 98.5    | 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 500                | 86.5                        | 96.1     | 98.5    | 99.1    | 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                | 86.5                        | 96.1     | 98.5    | 99.2    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 300                | 86.5                        | 96.1     | 98.5    | 99.2    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 86.5                        | 96.1     | 98.5    | 99.2    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 86.5                        | 96.1     | 98.5    | 99.2    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 86.5                        | 96.1     | 98.5    | 99.2    | 100.0   | 100.0   | 100.0       | 100.0   | 100.0       | 100.0       | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 |
| NO CEIL               | 69.9                        | 76.9    | 78.6    | 79.2    | 79.6    | 79.7        | 79.9    | 79.9        | 79.9        | 80.0    | 80.0      | 80.0      | 80.0      | 80.0       | 80.0      |
| GE 20000              | 73.5                        | 81.1    | 82.8    | 83.6    | 83.9    | 84.0        | 84.2    | 84.3        | 84.3        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3       | 84.3      |
| GE 18000              | 73.9                        | 81.5    | 83.2    | 83.9    | 84.3    | 84.4        | 84.6    | 84.6        | 84.6        | 84.7    | 84.7      | 84.7      | 84.7      | 84.7       | 84.7      |
| GE 16000              | 73.9                        | 81.5    | 83.3    | 84.0    | 84.4    | 84.5        | 84.6    | 84.7        | 84.7        | 84.7    | 84.7      | 84.7      | 84.7      | 84.7       | 84.8      |
| GE 14000              | 75.1                        | 83.0    | 84.8    | 85.5    | 85.9    | 86.0        | 86.1    | 86.2        | 86.2        | 86.3    | 86.3      | 86.3      | 86.3      | 86.3       | 86.3      |
| GE 12000              | 77.2                        | 85.3    | 87.1    | 87.8    | 88.2    | 88.3        | 88.5    | 88.5        | 88.5        | 88.6    | 88.6      | 88.6      | 88.6      | 88.6       | 88.6      |
| GE 10000              | 79.4                        | 88.0    | 89.9    | 90.6    | 91.1    | 91.2        | 91.3    | 91.4        | 91.4        | 91.5    | 91.5      | 91.5      | 91.5      | 91.5       | 91.5      |
| GE 9000               | 79.8                        | 88.4    | 90.3    | 91.1    | 91.6    | 91.7        | 91.8    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0       | 92.0      |
| GE 8000               | 81.1                        | 89.9    | 91.9    | 92.8    | 93.3    | 93.4        | 93.6    | 93.7        | 93.7        | 93.7    | 93.7      | 93.7      | 93.7      | 93.7       | 93.8      |
| GE 7000               | 81.4                        | 90.3    | 92.4    | 93.4    | 94.0    | 94.1        | 94.3    | 94.4        | 94.4        | 94.5    | 94.5      | 94.5      | 94.5      | 94.5       | 94.5      |
| GE 6000               | 81.7                        | 90.6    | 92.7    | 93.6    | 94.2    | 94.4        | 94.6    | 94.7        | 94.7        | 94.8    | 94.8      | 94.8      | 94.8      | 94.8       | 94.8      |
| GE 5000               | 82.4                        | 91.4    | 93.5    | 94.5    | 95.1    | 95.3        | 95.5    | 95.6        | 95.6        | 95.7    | 95.7      | 95.7      | 95.7      | 95.7       | 95.7      |
| GE 4500               | 82.5                        | 91.5    | 93.7    | 94.7    | 95.3    | 95.4        | 95.6    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8       | 95.9      |
| GE 4000               | 83.2                        | 92.3    | 94.5    | 95.6    | 96.2    | 96.4        | 96.6    | 96.8        | 96.8        | 96.8    | 96.9      | 96.9      | 96.9      | 96.9       | 96.9      |
| GE 3500               | 83.4                        | 92.6    | 94.8    | 95.9    | 96.5    | 96.7        | 96.9    | 97.1        | 97.1        | 97.1    | 97.2      | 97.2      | 97.2      | 97.2       | 97.2      |
| GE 3000               | 84.2                        | 93.7    | 96.0    | 97.1    | 97.8    | 97.9        | 98.1    | 98.3        | 98.3        | 98.4    | 98.4      | 98.4      | 98.4      | 98.4       | 98.4      |
| GE 2500               | 84.3                        | 93.9    | 96.2    | 97.3    | 98.0    | 98.1        | 98.4    | 98.5        | 98.5        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6       | 98.6      |
| GE 2000               | 84.5                        | 94.1    | 96.4    | 97.5    | 98.2    | 98.3        | 98.6    | 98.8        | 98.8        | 98.8    | 98.8      | 98.8      | 98.8      | 98.8       | 98.9      |
| GE 1800               | 84.5                        | 94.2    | 96.5    | 97.6    | 98.3    | 98.4        | 98.6    | 98.8        | 98.8        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 98.9      |
| GE 1500               | 84.6                        | 94.3    | 96.6    | 97.8    | 98.5    | 98.6        | 98.9    | 99.0        | 99.1        | 99.1    | 99.2      | 99.2      | 99.2      | 99.2       | 99.2      |
| GE 1200               | 84.7                        | 94.3    | 96.7    | 97.8    | 98.6    | 98.7        | 98.9    | 99.1        | 99.2        | 99.2    | 99.2      | 99.2      | 99.2      | 99.2       | 99.3      |
| GE 1000               | 84.7                        | 94.4    | 96.7    | 97.9    | 98.7    | 98.8        | 99.0    | 99.2        | 99.3        | 99.3    | 99.3      | 99.3      | 99.3      | 99.3       | 99.4      |
| GE 900                | 84.7                        | 94.4    | 96.8    | 98.0    | 98.7    | 98.9        | 99.1    | 99.3        | 99.3        | 99.4    | 99.4      | 99.4      | 99.4      | 99.4       | 99.4      |
| GE 800                | 84.7                        | 94.4    | 96.8    | 98.0    | 98.8    | 99.0        | 99.2    | 99.4        | 99.4        | 99.5    | 99.5      | 99.5      | 99.5      | 99.5       | 99.5      |
| GE 700                | 84.7                        | 94.5    | 96.8    | 98.1    | 98.9    | 99.1        | 99.3    | 99.5        | 99.6        | 99.6    | 99.7      | 99.7      | 99.7      | 99.7       | 99.7      |
| GE 600                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.0    | 99.1        | 99.4    | 99.7        | 99.7        | 99.7    | 99.8      | 99.8      | 99.8      | 99.8       | 99.8      |
| GE 500                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.0    | 99.2        | 99.5    | 99.7        | 99.7        | 99.8    | 99.8      | 99.8      | 99.8      | 99.8       | 99.9      |
| GE 400                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.0    | 99.2        | 99.5    | 99.8        | 99.8        | 99.9    | 99.9      | 99.9      | 99.9      | 99.9       | 100.0     |
| GE 300                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.1    | 99.2        | 99.6    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 200                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.1    | 99.2        | 99.6    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 100                | 84.7                        | 94.5    | 96.8    | 98.2    | 99.1    | 99.2        | 99.6    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |
| GE 0                  | 84.7                        | 94.5    | 96.8    | 98.2    | 99.1    | 99.2        | 99.6    | 99.8        | 99.9        | 100.0   | 100.0     | 100.0     | 100.0     | 100.0      | 100.0     |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 51.6                        | 58.9    | 60.1    | 61.9    | 63.3    | 63.6        | 64.1    | 64.3        | 64.6        | 64.8    | 65.0      | 65.0      | 65.1      | 65.1       | 65.1      | 65.2    |
| GE 20000              | 54.7                        | 62.8    | 64.6    | 66.6    | 68.2    | 68.4        | 69.0    | 69.2        | 69.4        | 69.7    | 69.9      | 69.9      | 70.0      | 70.0       | 70.0      | 70.1    |
| GE 18000              | 55.0                        | 63.1    | 64.9    | 66.9    | 68.6    | 69.1        | 69.7    | 69.9        | 70.1        | 70.3    | 70.6      | 70.6      | 70.7      | 70.7       | 70.7      | 70.8    |
| GE 16000              | 55.3                        | 63.4    | 65.2    | 67.2    | 68.9    | 69.4        | 70.0    | 70.2        | 70.4        | 70.7    | 70.9      | 70.9      | 71.0      | 71.0       | 71.0      | 71.1    |
| GE 14000              | 55.8                        | 64.4    | 66.2    | 68.2    | 69.9    | 70.4        | 71.0    | 71.2        | 71.4        | 71.7    | 71.9      | 71.9      | 72.0      | 72.0       | 72.0      | 72.1    |
| GE 12000              | 57.6                        | 66.3    | 68.1    | 70.2    | 71.9    | 72.4        | 73.0    | 73.2        | 73.4        | 73.7    | 73.9      | 73.9      | 74.0      | 74.0       | 74.0      | 74.1    |
| GE 10000              | 60.0                        | 69.3    | 71.7    | 74.0    | 76.1    | 76.7        | 77.2    | 77.4        | 77.7        | 77.9    | 78.1      | 78.1      | 78.2      | 78.2       | 78.2      | 78.3    |
| GE 9000               | 60.1                        | 69.4    | 71.8    | 74.1    | 76.2    | 76.8        | 77.3    | 77.6        | 77.8        | 78.0    | 78.2      | 78.2      | 78.3      | 78.3       | 78.3      | 78.4    |
| GE 8000               | 62.7                        | 72.3    | 74.9    | 77.7    | 79.9    | 80.4        | 81.0    | 81.2        | 81.4        | 81.7    | 81.9      | 81.9      | 82.0      | 82.0       | 82.0      | 82.1    |
| GE 7000               | 62.7                        | 72.8    | 75.4    | 78.2    | 80.4    | 81.0        | 81.6    | 81.8        | 82.0        | 82.2    | 82.4      | 82.4      | 82.6      | 82.6       | 82.6      | 82.7    |
| GE 6000               | 63.0                        | 73.1    | 75.8    | 78.7    | 80.9    | 81.4        | 82.0    | 82.2        | 82.4        | 82.7    | 82.9      | 82.9      | 83.0      | 83.0       | 83.0      | 83.1    |
| GE 5000               | 63.3                        | 74.0    | 76.7    | 79.7    | 82.0    | 82.6        | 83.1    | 83.3        | 83.6        | 83.8    | 84.0      | 84.0      | 84.1      | 84.1       | 84.1      | 84.2    |
| GE 4500               | 63.7                        | 74.3    | 77.0    | 80.0    | 82.3    | 82.9        | 83.4    | 83.7        | 83.9        | 84.1    | 84.3      | 84.3      | 84.4      | 84.4       | 84.4      | 84.6    |
| GE 4000               | 64.9                        | 76.0    | 79.6    | 82.8    | 85.1    | 85.7        | 86.2    | 86.4        | 86.7        | 86.9    | 87.1      | 87.1      | 87.2      | 87.2       | 87.2      | 87.3    |
| GE 3500               | 65.4                        | 76.7    | 80.4    | 83.7    | 86.2    | 86.8        | 87.3    | 87.6        | 87.8        | 88.0    | 88.2      | 88.2      | 88.3      | 88.3       | 88.3      | 88.4    |
| GE 3000               | 65.8                        | 77.2    | 81.6    | 85.0    | 87.7    | 88.2        | 89.1    | 89.4        | 89.7        | 89.9    | 90.1      | 90.1      | 90.2      | 90.2       | 90.2      | 90.3    |
| GE 2500               | 66.0                        | 77.6    | 82.1    | 85.7    | 88.3    | 88.9        | 89.8    | 90.1        | 90.3        | 90.6    | 90.8      | 90.8      | 90.9      | 90.9       | 90.9      | 91.0    |
| GE 2000               | 66.1                        | 78.1    | 82.8    | 86.3    | 89.0    | 89.6        | 90.7    | 91.3        | 91.6        | 91.8    | 92.0      | 92.0      | 92.1      | 92.1       | 92.1      | 92.2    |
| GE 1800               | 66.2                        | 78.3    | 83.0    | 86.6    | 89.2    | 89.8        | 90.9    | 91.6        | 91.8        | 92.0    | 92.2      | 92.2      | 92.3      | 92.3       | 92.3      | 92.4    |
| GE 1500               | 66.2                        | 79.1    | 84.1    | 87.7    | 90.3    | 90.9        | 92.2    | 92.9        | 93.1        | 93.3    | 93.6      | 93.6      | 93.7      | 93.7       | 93.7      | 93.8    |
| GE 1200               | 66.2                        | 79.2    | 84.3    | 88.2    | 91.1    | 91.9        | 93.2    | 93.9        | 94.1        | 94.3    | 94.6      | 94.6      | 94.7      | 94.7       | 94.7      | 94.8    |
| GE 1000               | 66.4                        | 79.4    | 84.6    | 88.6    | 91.7    | 92.4        | 94.1    | 95.1        | 95.3        | 95.6    | 95.8      | 95.8      | 95.9      | 95.9       | 95.9      | 96.0    |
| GF 900                | 66.4                        | 79.6    | 84.7    | 88.8    | 92.0    | 92.8        | 94.4    | 95.4        | 95.7        | 95.9    | 96.1      | 96.1      | 96.2      | 96.2       | 96.2      | 96.3    |
| GE 800                | 66.4                        | 79.7    | 84.8    | 89.1    | 92.3    | 93.2        | 95.0    | 96.0        | 96.2        | 96.4    | 96.7      | 96.7      | 96.8      | 96.8       | 96.8      | 96.9    |
| GE 700                | 66.4                        | 79.7    | 84.8    | 89.1    | 92.6    | 93.4        | 95.2    | 96.2        | 96.4        | 96.7    | 96.9      | 96.9      | 97.0      | 97.0       | 97.0      | 97.1    |
| GE 600                | 66.4                        | 79.8    | 84.9    | 89.2    | 92.7    | 93.6        | 95.3    | 96.6        | 96.8        | 97.0    | 97.2      | 97.2      | 97.3      | 97.3       | 97.3      | 97.4    |
| GE 500                | 66.4                        | 80.0    | 85.1    | 89.4    | 93.1    | 94.0        | 95.8    | 97.0        | 97.2        | 97.4    | 97.7      | 97.7      | 97.8      | 97.8       | 97.8      | 97.9    |
| GE 400                | 66.4                        | 80.0    | 85.1    | 89.4    | 93.1    | 94.0        | 96.1    | 97.3        | 97.6        | 97.8    | 98.1      | 98.1      | 98.2      | 98.2       | 98.2      | 98.4    |
| GE 300                | 66.4                        | 80.0    | 85.1    | 89.4    | 93.2    | 94.2        | 96.4    | 97.7        | 97.9        | 98.1    | 98.4      | 98.4      | 98.6      | 98.6       | 98.6      | 98.8    |
| GE 200                | 66.4                        | 80.0    | 85.1    | 89.4    | 93.2    | 94.2        | 96.4    | 97.7        | 97.9        | 98.1    | 98.4      | 98.4      | 98.6      | 98.6       | 98.7      | 99.0    |
| GE 100                | 66.4                        | 80.0    | 85.1    | 89.4    | 93.2    | 94.2        | 96.4    | 97.7        | 97.9        | 98.1    | 98.4      | 98.4      | 98.6      | 98.7       | 99.0      | 100.0   |
| GE 0                  | 66.4                        | 80.0    | 85.1    | 89.4    | 93.2    | 94.2        | 96.4    | 97.7        | 97.9        | 98.1    | 98.4      | 98.4      | 98.6      | 98.7       | 99.0      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 48.0                        | 56.0    | 58.4    | 58.9    | 60.2    | 60.6        | 60.9    | 61.2        | 61.2        | 61.4    | 62.0      | 62.0      | 62.6      | 62.7       | 62.8      | 63.7    |
| GE 20000              | 50.6                        | 59.0    | 62.2    | 63.0    | 64.6    | 64.9        | 65.2    | 65.8        | 65.8        | 66.0    | 66.6      | 66.7      | 67.2      | 67.3       | 67.4      | 68.3    |
| GE 18000              | 50.9                        | 59.3    | 62.6    | 63.3    | 64.9    | 65.3        | 65.7    | 66.2        | 66.2        | 66.4    | 67.0      | 67.1      | 67.7      | 67.8       | 67.9      | 68.8    |
| GE 16000              | 51.0                        | 59.4    | 62.7    | 63.4    | 65.0    | 65.4        | 65.8    | 66.3        | 66.3        | 66.6    | 67.1      | 67.2      | 67.8      | 67.9       | 68.0      | 68.9    |
| GE 14000              | 51.1                        | 59.7    | 62.9    | 63.7    | 65.2    | 65.7        | 66.0    | 66.6        | 66.6        | 66.8    | 67.3      | 67.4      | 68.0      | 68.1       | 68.2      | 69.1    |
| GE 12000              | 53.9                        | 62.6    | 65.9    | 66.8    | 68.3    | 68.9        | 69.2    | 69.8        | 69.8        | 70.0    | 70.6      | 70.7      | 71.2      | 71.3       | 71.4      | 72.3    |
| GE 10000              | 55.9                        | 65.3    | 68.7    | 69.7    | 71.7    | 72.2        | 72.6    | 73.1        | 73.1        | 73.3    | 73.9      | 74.0      | 74.6      | 74.7       | 74.8      | 75.7    |
| GE 9000               | 56.2                        | 65.7    | 69.0    | 70.0    | 72.0    | 72.6        | 72.9    | 73.4        | 73.4        | 73.7    | 74.2      | 74.3      | 74.9      | 75.0       | 75.1      | 76.0    |
| GE 8000               | 58.1                        | 68.4    | 72.2    | 74.2    | 76.4    | 77.0        | 77.3    | 77.9        | 77.9        | 78.1    | 78.7      | 78.8      | 79.3      | 79.4       | 79.7      | 80.6    |
| GE 7000               | 58.4                        | 68.9    | 72.9    | 75.1    | 77.7    | 78.2        | 78.6    | 79.1        | 79.1        | 79.3    | 79.9      | 80.0      | 80.6      | 80.7       | 80.9      | 81.8    |
| GE 6000               | 58.4                        | 69.1    | 73.1    | 75.4    | 78.2    | 78.9        | 79.2    | 79.8        | 79.8        | 80.0    | 80.6      | 80.7      | 81.2      | 81.3       | 81.6      | 82.4    |
| GE 5000               | 58.8                        | 69.9    | 73.9    | 76.2    | 79.0    | 79.8        | 80.3    | 81.0        | 81.0        | 81.2    | 81.8      | 81.9      | 82.4      | 82.6       | 82.8      | 83.7    |
| GE 4500               | 58.8                        | 69.9    | 73.9    | 76.2    | 79.0    | 79.8        | 80.3    | 81.0        | 81.0        | 81.2    | 81.8      | 81.9      | 82.4      | 82.6       | 82.8      | 83.7    |
| GE 4000               | 60.2                        | 71.4    | 75.8    | 78.2    | 81.4    | 82.2        | 82.8    | 83.6        | 83.6        | 83.8    | 84.3      | 84.4      | 85.0      | 85.1       | 85.3      | 86.2    |
| GE 3500               | 60.4                        | 71.8    | 76.1    | 78.6    | 81.9    | 82.9        | 83.4    | 84.2        | 84.2        | 84.4    | 85.0      | 85.1      | 85.7      | 85.8       | 86.0      | 86.9    |
| GE 3000               | 60.9                        | 72.6    | 76.9    | 79.7    | 83.4    | 84.7        | 85.4    | 86.7        | 86.7        | 86.9    | 87.4      | 87.6      | 88.1      | 88.2       | 88.4      | 89.3    |
| GE 2500               | 61.1                        | 73.0    | 77.7    | 80.4    | 84.2    | 85.4        | 86.2    | 87.7        | 87.7        | 87.9    | 88.4      | 88.6      | 89.1      | 89.2       | 89.4      | 90.3    |
| GE 2000               | 61.3                        | 73.6    | 78.6    | 81.3    | 85.4    | 86.8        | 87.8    | 89.3        | 89.3        | 89.6    | 90.1      | 90.2      | 90.8      | 90.9       | 91.1      | 92.0    |
| GE 1800               | 61.4                        | 74.0    | 79.1    | 81.9    | 86.0    | 87.3        | 88.3    | 90.0        | 90.0        | 90.2    | 90.8      | 90.9      | 91.4      | 91.6       | 91.8      | 92.7    |
| GE 1500               | 61.7                        | 74.2    | 79.3    | 82.1    | 86.3    | 87.7        | 88.7    | 90.3        | 90.3        | 90.6    | 91.1      | 91.2      | 91.8      | 91.9       | 92.1      | 93.0    |
| GE 1200               | 62.0                        | 74.7    | 79.8    | 82.7    | 87.2    | 88.9        | 89.9    | 91.8        | 91.8        | 92.0    | 92.6      | 92.7      | 93.2      | 93.3       | 93.6      | 94.4    |
| GE 1000               | 62.1                        | 74.8    | 79.9    | 82.9    | 87.6    | 89.2        | 90.2    | 92.2        | 92.2        | 92.4    | 93.0      | 93.1      | 93.7      | 93.8       | 94.0      | 94.9    |
| GE 900                | 62.1                        | 74.9    | 80.0    | 83.0    | 87.7    | 89.3        | 90.3    | 92.3        | 92.3        | 92.7    | 93.2      | 93.3      | 93.9      | 94.0       | 94.2      | 95.1    |
| GE 800                | 62.1                        | 75.2    | 80.4    | 83.4    | 88.3    | 90.0        | 91.0    | 93.0        | 93.0        | 93.3    | 93.9      | 94.0      | 94.6      | 94.7       | 95.0      | 95.9    |
| GE 700                | 62.1                        | 75.2    | 80.4    | 83.4    | 88.6    | 90.2        | 91.4    | 93.4        | 93.4        | 93.8    | 94.3      | 94.4      | 95.0      | 95.1       | 95.4      | 96.3    |
| GE 600                | 62.1                        | 75.2    | 80.4    | 83.4    | 88.8    | 90.4        | 91.7    | 93.7        | 93.8        | 94.1    | 94.7      | 94.8      | 95.3      | 95.4       | 95.8      | 96.7    |
| GE 500                | 62.1                        | 75.2    | 80.4    | 83.4    | 88.8    | 90.4        | 91.7    | 93.7        | 93.9        | 94.3    | 94.9      | 95.0      | 95.6      | 95.7       | 96.0      | 96.9    |
| GE 400                | 62.1                        | 75.2    | 80.4    | 83.4    | 89.0    | 90.7        | 92.1    | 94.2        | 94.4        | 95.1    | 95.7      | 95.8      | 96.3      | 96.4       | 96.8      | 97.7    |
| GE 300                | 62.1                        | 75.2    | 80.4    | 83.4    | 89.0    | 90.7        | 92.1    | 94.6        | 94.8        | 95.4    | 96.3      | 96.4      | 97.0      | 97.2       | 97.6      | 98.6    |
| GE 200                | 62.1                        | 75.2    | 80.4    | 83.4    | 89.0    | 90.7        | 92.1    | 94.7        | 94.9        | 95.6    | 96.4      | 96.6      | 97.1      | 97.4       | 97.9      | 99.4    |
| GE 100                | 62.1                        | 75.2    | 80.4    | 83.4    | 89.0    | 90.7        | 92.1    | 94.7        | 94.9        | 95.6    | 96.4      | 96.6      | 97.1      | 97.4       | 97.9      | 100.0   |
| GE 0                  | 62.1                        | 75.2    | 80.4    | 83.4    | 89.0    | 90.7        | 92.1    | 94.7        | 94.9        | 95.6    | 96.4      | 96.6      | 97.1      | 97.4       | 97.9      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 42.4                        | 48.4    | 51.1    | 52.1    | 53.0    | 53.1        | 53.4    | 53.8        | 54.0        | 54.8    | 55.3      | 55.4      | 56.0      | 56.3       | 56.7      | 57.2    |
| GE 20000              | 45.9                        | 53.2    | 56.1    | 57.3    | 58.3    | 58.4        | 58.9    | 59.4        | 59.7        | 60.4    | 61.0      | 61.1      | 61.7      | 62.0       | 62.7      | 63.4    |
| GE 18000              | 46.0                        | 53.3    | 56.2    | 57.4    | 58.4    | 58.6        | 59.0    | 59.6        | 59.8        | 60.6    | 61.1      | 61.2      | 61.8      | 62.1       | 62.8      | 63.6    |
| GE 16000              | 46.1                        | 53.6    | 56.4    | 57.7    | 58.7    | 58.8        | 59.2    | 59.8        | 60.0        | 60.8    | 61.3      | 61.4      | 62.0      | 62.3       | 63.0      | 63.8    |
| GE 14000              | 46.6                        | 54.2    | 57.3    | 58.7    | 59.8    | 59.9        | 60.3    | 60.9        | 61.1        | 61.9    | 62.4      | 62.6      | 63.1      | 63.4       | 64.1      | 64.9    |
| GE 12000              | 47.8                        | 55.8    | 59.0    | 60.3    | 61.4    | 61.6        | 62.0    | 62.6        | 62.8        | 63.7    | 64.3      | 64.4      | 65.0      | 65.3       | 66.0      | 66.8    |
| GE 10000              | 50.7                        | 59.3    | 62.6    | 64.1    | 65.3    | 65.4        | 65.9    | 66.4        | 66.7        | 67.6    | 68.2      | 68.3      | 68.9      | 69.2       | 69.9      | 70.7    |
| GE 9000               | 51.0                        | 59.7    | 62.9    | 64.4    | 65.7    | 65.8        | 66.2    | 66.8        | 67.0        | 67.9    | 68.6      | 68.7      | 69.2      | 69.6       | 70.2      | 71.0    |
| GE 8000               | 53.3                        | 62.2    | 65.7    | 67.6    | 68.9    | 69.0        | 69.4    | 70.0        | 70.2        | 71.2    | 71.9      | 72.0      | 72.6      | 72.9       | 73.6      | 74.3    |
| GE 7000               | 53.3                        | 62.4    | 65.9    | 67.9    | 69.3    | 69.6        | 70.1    | 70.8        | 71.0        | 72.1    | 72.8      | 72.9      | 73.4      | 73.8       | 74.4      | 75.2    |
| GE 6000               | 53.6                        | 62.9    | 66.3    | 68.3    | 69.9    | 70.2        | 70.8    | 71.4        | 71.7        | 72.8    | 73.4      | 73.6      | 74.1      | 74.4       | 75.1      | 75.9    |
| GE 5000               | 54.0                        | 63.4    | 67.0    | 69.0    | 70.8    | 71.1        | 71.8    | 72.6        | 72.8        | 74.0    | 74.7      | 74.8      | 75.4      | 75.8       | 76.4      | 77.2    |
| GE 4500               | 54.2                        | 63.7    | 67.2    | 69.2    | 71.0    | 71.3        | 72.1    | 72.9        | 73.1        | 74.3    | 75.0      | 75.1      | 75.8      | 76.1       | 76.8      | 77.6    |
| GE 4000               | 56.6                        | 66.3    | 69.9    | 72.0    | 74.2    | 74.7        | 75.6    | 76.4        | 76.8        | 78.0    | 78.7      | 78.8      | 79.4      | 79.8       | 80.4      | 81.2    |
| GE 3500               | 56.9                        | 66.8    | 70.4    | 72.6    | 74.8    | 75.2        | 76.1    | 77.0        | 77.3        | 78.6    | 79.2      | 79.3      | 80.0      | 80.3       | 81.0      | 81.8    |
| GE 3000               | 59.4                        | 69.8    | 73.4    | 75.8    | 78.3    | 78.9        | 79.9    | 81.0        | 81.3        | 82.8    | 83.4      | 83.6      | 84.2      | 84.6       | 85.2      | 86.1    |
| GE 2500               | 59.9                        | 70.2    | 74.0    | 76.3    | 79.0    | 79.7        | 80.7    | 81.9        | 82.2        | 83.9    | 84.6      | 84.7      | 85.3      | 85.7       | 86.4      | 87.3    |
| GE 2000               | 60.2                        | 70.8    | 74.9    | 77.3    | 80.2    | 80.9        | 82.1    | 83.6        | 83.9        | 85.7    | 86.3      | 86.7      | 87.3      | 87.7       | 88.6      | 89.4    |
| GE 1800               | 60.2                        | 70.8    | 74.9    | 77.4    | 80.4    | 81.1        | 82.3    | 83.8        | 84.1        | 85.9    | 86.6      | 86.9      | 87.6      | 87.9       | 88.8      | 89.7    |
| GE 1500               | 60.7                        | 71.3    | 75.6    | 78.1    | 81.1    | 81.8        | 83.0    | 84.9        | 85.2        | 87.3    | 88.0      | 88.3      | 89.0      | 89.3       | 90.2      | 91.1    |
| GE 1200               | 60.8                        | 71.9    | 76.1    | 79.0    | 82.3    | 83.0        | 84.2    | 86.2        | 86.6        | 88.9    | 89.8      | 90.1      | 90.8      | 91.1       | 92.0      | 92.9    |
| GE 1000               | 67.9                        | 72.0    | 76.2    | 79.1    | 82.4    | 83.2        | 84.4    | 86.4        | 86.8        | 89.1    | 90.0      | 90.3      | 91.1      | 91.4       | 92.3      | 93.2    |
| GE 900                | 60.9                        | 72.1    | 76.3    | 79.2    | 82.7    | 83.4        | 84.9    | 86.9        | 87.2        | 89.6    | 90.4      | 90.8      | 91.6      | 91.9       | 92.8      | 93.7    |
| GE 800                | 60.9                        | 72.1    | 76.3    | 79.2    | 82.9    | 83.8        | 85.2    | 87.2        | 87.6        | 89.9    | 90.8      | 91.1      | 91.9      | 92.2       | 93.1      | 94.0    |
| GE 700                | 60.9                        | 72.1    | 76.3    | 79.2    | 82.9    | 83.8        | 85.3    | 87.3        | 87.7        | 90.0    | 91.0      | 91.3      | 92.1      | 92.4       | 93.3      | 94.2    |
| GE 600                | 60.9                        | 72.1    | 76.3    | 79.2    | 83.0    | 83.9        | 85.6    | 87.6        | 87.9        | 90.2    | 91.2      | 91.6      | 92.3      | 92.7       | 93.6      | 94.4    |
| GE 500                | 60.9                        | 72.1    | 76.3    | 79.2    | 83.0    | 83.9        | 85.8    | 88.0        | 88.3        | 90.9    | 91.9      | 92.2      | 93.0      | 93.3       | 94.2      | 95.1    |
| GE 400                | 60.9                        | 72.1    | 76.3    | 79.2    | 83.0    | 83.9        | 86.1    | 88.3        | 89.0        | 91.9    | 93.1      | 93.4      | 94.2      | 94.6       | 95.4      | 96.3    |
| GE 300                | 60.9                        | 72.2    | 76.4    | 79.3    | 83.1    | 84.0        | 86.2    | 88.4        | 89.1        | 92.1    | 93.4      | 93.9      | 94.8      | 95.2       | 96.2      | 97.3    |
| GE 200                | 60.9                        | 72.2    | 76.4    | 79.3    | 83.1    | 84.0        | 86.2    | 88.6        | 89.2        | 92.3    | 93.7      | 94.1      | 95.3      | 95.9       | 97.0      | 99.0    |
| GE 100                | 60.9                        | 72.2    | 76.4    | 79.3    | 83.1    | 84.0        | 86.2    | 88.6        | 89.2        | 92.3    | 93.7      | 94.1      | 95.3      | 95.9       | 97.0      | 99.4    |
| GE 0                  | 60.9                        | 72.2    | 76.4    | 79.3    | 83.1    | 84.0        | 86.2    | 88.6        | 89.2        | 92.3    | 93.7      | 94.1      | 95.3      | 95.9       | 97.0      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(1511): 0900-1100

| CEILING  |   | VISIBILITY IN STATUTE MILES |      |      |      |      |          |      |          |          |      |        |        |        |         |        |       |
|----------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET  | 1 | GE 10                       | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0  |
| NO CEIL  | 1 | 41.3                        | 47.1 | 49.1 | 50.9 | 51.7 | 52.0     | 52.6 | 53.1     | 53.2     | 53.3 | 53.3   | 53.3   | 53.3   | 53.3    | 53.4   | 53.6  |
| GE 20000 | 1 | 47.2                        | 54.6 | 56.8 | 58.8 | 59.8 | 60.1     | 60.8 | 61.7     | 61.8     | 61.9 | 62.0   | 62.0   | 62.1   | 62.1    | 62.3   | 62.6  |
| GE 18000 | 1 | 47.4                        | 54.9 | 57.1 | 59.1 | 60.1 | 60.4     | 61.1 | 62.0     | 62.1     | 62.2 | 62.4   | 62.4   | 62.6   | 62.6    | 62.8   | 63.0  |
| GE 16000 | 1 | 47.4                        | 54.9 | 57.1 | 59.1 | 60.1 | 60.4     | 61.1 | 62.0     | 62.1     | 62.2 | 62.4   | 62.4   | 62.6   | 62.6    | 62.8   | 63.0  |
| GE 14000 | 1 | 48.6                        | 56.3 | 58.6 | 60.7 | 62.0 | 62.4     | 63.2 | 64.1     | 64.2     | 64.4 | 64.8   | 64.8   | 64.9   | 64.9    | 65.1   | 65.3  |
| GE 12000 | 1 | 50.0                        | 57.8 | 60.0 | 62.1 | 63.4 | 63.9     | 64.7 | 65.6     | 65.7     | 65.9 | 66.2   | 66.2   | 66.3   | 66.3    | 66.6   | 66.8  |
| GE 10000 | 1 | 53.2                        | 61.4 | 64.0 | 66.2 | 67.6 | 68.0     | 68.8 | 69.7     | 69.8     | 70.0 | 70.3   | 70.3   | 70.4   | 70.4    | 70.7   | 70.9  |
| GE 9000  | 1 | 53.7                        | 61.9 | 64.4 | 66.7 | 68.0 | 68.4     | 69.2 | 70.1     | 70.2     | 70.4 | 70.8   | 70.8   | 70.9   | 70.9    | 71.1   | 71.3  |
| GE 8000  | 1 | 56.6                        | 65.3 | 68.1 | 70.3 | 72.0 | 72.4     | 73.4 | 74.4     | 74.6     | 74.8 | 75.1   | 75.1   | 75.2   | 75.2    | 75.4   | 75.7  |
| GE 7000  | 1 | 57.0                        | 65.8 | 68.6 | 70.8 | 72.6 | 73.0     | 74.1 | 75.3     | 75.6     | 75.8 | 76.2   | 76.3   | 76.4   | 76.4    | 76.7   | 76.9  |
| GE 6000  | 1 | 57.2                        | 66.2 | 69.0 | 71.4 | 73.4 | 73.9     | 75.0 | 76.2     | 76.4     | 76.7 | 77.1   | 77.2   | 77.3   | 77.3    | 77.6   | 77.8  |
| GE 5000  | 1 | 58.1                        | 67.2 | 70.0 | 72.4 | 74.4 | 74.9     | 76.0 | 77.2     | 77.4     | 77.7 | 78.1   | 78.2   | 78.3   | 78.3    | 78.6   | 78.8  |
| GE 4500  | 1 | 58.3                        | 67.4 | 70.2 | 72.7 | 74.7 | 75.1     | 76.2 | 77.4     | 77.7     | 77.9 | 78.3   | 78.4   | 78.6   | 78.6    | 78.8   | 79.0  |
| GE 4000  | 1 | 59.8                        | 69.4 | 72.2 | 75.1 | 77.6 | 78.0     | 79.2 | 80.4     | 80.7     | 80.9 | 81.3   | 81.4   | 81.6   | 81.6    | 81.8   | 82.0  |
| GE 3500  | 1 | 60.1                        | 70.1 | 73.0 | 76.0 | 78.4 | 78.9     | 80.1 | 81.3     | 81.6     | 81.9 | 82.3   | 82.4   | 82.6   | 82.6    | 82.8   | 83.0  |
| GE 3000  | 1 | 62.1                        | 72.7 | 76.1 | 79.4 | 82.0 | 83.0     | 84.2 | 85.6     | 85.8     | 86.2 | 86.7   | 86.8   | 86.9   | 86.9    | 87.1   | 87.3  |
| GE 2500  | 1 | 62.4                        | 73.1 | 76.8 | 80.1 | 82.7 | 83.7     | 84.9 | 86.2     | 86.4     | 87.2 | 87.8   | 87.9   | 88.0   | 88.0    | 88.2   | 88.4  |
| GE 2000  | 1 | 63.3                        | 74.1 | 78.0 | 81.6 | 84.3 | 85.3     | 86.6 | 88.0     | 88.2     | 89.0 | 89.9   | 90.0   | 90.1   | 90.1    | 90.3   | 90.6  |
| GE 1800  | 1 | 63.6                        | 74.6 | 78.4 | 82.0 | 84.8 | 85.8     | 87.0 | 88.4     | 88.7     | 89.4 | 90.3   | 90.4   | 90.6   | 90.6    | 90.8   | 91.0  |
| GE 1500  | 1 | 63.7                        | 74.7 | 78.6 | 82.2 | 85.0 | 86.0     | 87.3 | 88.9     | 89.1     | 89.9 | 90.8   | 90.9   | 91.0   | 91.0    | 91.2   | 91.4  |
| GE 1200  | 1 | 63.7                        | 74.8 | 78.7 | 82.3 | 85.2 | 86.3     | 87.8 | 89.3     | 89.6     | 90.4 | 91.4   | 91.6   | 91.7   | 91.7    | 91.9   | 92.1  |
| GE 1000  | 1 | 63.7                        | 74.8 | 78.8 | 82.7 | 85.8 | 86.9     | 88.4 | 90.2     | 90.4     | 91.4 | 92.6   | 92.9   | 93.0   | 93.0    | 93.2   | 93.4  |
| GE 900   | 1 | 63.7                        | 74.9 | 78.9 | 82.8 | 86.0 | 87.1     | 88.7 | 90.6     | 90.8     | 91.8 | 92.9   | 93.2   | 93.3   | 93.3    | 93.6   | 93.8  |
| GE 800   | 1 | 63.7                        | 74.9 | 78.9 | 82.8 | 86.1 | 87.2     | 88.8 | 90.7     | 91.1     | 92.1 | 93.2   | 93.6   | 93.7   | 93.7    | 93.9   | 94.1  |
| GE 700   | 1 | 63.7                        | 74.9 | 78.9 | 82.8 | 86.1 | 87.2     | 88.8 | 91.0     | 91.4     | 92.4 | 93.6   | 93.9   | 94.0   | 94.0    | 94.2   | 94.4  |
| GE 600   | 1 | 63.7                        | 74.9 | 78.9 | 82.9 | 86.2 | 87.4     | 89.0 | 91.2     | 92.0     | 93.0 | 94.1   | 94.4   | 94.6   | 94.6    | 94.8   | 95.0  |
| GE 500   | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.0     | 92.9     | 94.2 | 95.4   | 95.8   | 95.9   | 95.9    | 96.1   | 96.3  |
| GE 400   | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.3     | 93.3     | 95.0 | 96.3   | 96.7   | 96.8   | 96.9    | 97.1   | 97.3  |
| GE 300   | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.3     | 93.3     | 95.4 | 97.3   | 97.8   | 97.9   | 98.0    | 98.2   | 98.4  |
| GE 200   | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.3     | 93.3     | 95.7 | 97.8   | 98.2   | 98.3   | 98.6    | 98.9   | 99.2  |
| GE 100   | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.3     | 93.3     | 95.7 | 97.8   | 98.2   | 98.3   | 98.6    | 99.0   | 99.6  |
| GE 0     | 1 | 63.7                        | 74.9 | 78.9 | 83.0 | 86.6 | 87.8     | 89.4 | 92.3     | 93.3     | 95.7 | 97.8   | 98.2   | 98.3   | 98.6    | 99.0   | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(EST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |       |         |             |             |         |           |           |           |            |           |         |  |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
|                       | GE<br>10                    | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | 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>5/16 | GE<br>1/4 | GE<br>0 |  |
| NO CEIL               | 42.1                        | 48.0    | 50.3    | 50.9    | 51.7    | 52.1  | 52.3    | 52.3        | 52.3        | 52.3    | 52.3      | 52.3      | 52.3      | 52.3       | 52.3      | 52.3    |  |
| GE 20000              | 48.3                        | 55.6    | 58.2    | 59.0    | 59.8    | 60.4  | 60.9    | 60.9        | 60.9        | 60.9    | 60.9      | 60.9      | 60.9      | 60.9       | 60.9      | 60.9    |  |
| GE 18000              | 49.6                        | 57.0    | 59.8    | 60.6    | 61.3    | 62.0  | 62.4    | 62.4        | 62.4        | 62.4    | 62.4      | 62.4      | 62.4      | 62.4       | 62.4      | 62.4    |  |
| GE 16000              | 49.7                        | 57.1    | 59.9    | 60.7    | 61.4    | 62.1  | 62.6    | 62.6        | 62.6        | 62.6    | 62.6      | 62.6      | 62.6      | 62.6       | 62.6      | 62.6    |  |
| GE 14000              | 51.0                        | 58.7    | 61.4    | 62.4    | 63.6    | 64.2  | 64.7    | 64.8        | 64.8        | 64.8    | 64.8      | 64.8      | 64.8      | 64.8       | 64.8      | 64.8    |  |
| GE 12000              | 52.8                        | 61.1    | 63.9    | 64.9    | 66.0    | 66.7  | 67.1    | 67.2        | 67.2        | 67.2    | 67.2      | 67.2      | 67.2      | 67.2       | 67.2      | 67.2    |  |
| GE 10000              | 57.3                        | 66.2    | 69.6    | 70.7    | 71.8    | 72.6  | 73.1    | 73.2        | 73.2        | 73.2    | 73.2      | 73.2      | 73.2      | 73.2       | 73.2      | 73.2    |  |
| GE 9000               | 57.6                        | 66.4    | 69.8    | 70.9    | 72.0    | 72.8  | 73.3    | 73.4        | 73.4        | 73.4    | 73.4      | 73.4      | 73.4      | 73.4       | 73.4      | 73.4    |  |
| GE 8000               | 59.2                        | 68.8    | 72.6    | 73.7    | 74.8    | 75.6  | 76.1    | 76.2        | 76.2        | 76.2    | 76.2      | 76.2      | 76.2      | 76.2       | 76.2      | 76.2    |  |
| GE 7000               | 60.1                        | 70.1    | 73.9    | 75.0    | 76.4    | 77.3  | 77.9    | 78.1        | 78.1        | 78.1    | 78.1      | 78.1      | 78.1      | 78.1       | 78.1      | 78.1    |  |
| GE 6000               | 60.1                        | 70.3    | 74.1    | 75.3    | 76.8    | 77.7  | 78.2    | 78.4        | 78.4        | 78.6    | 78.6      | 78.6      | 78.6      | 78.6       | 78.6      | 78.6    |  |
| GE 5000               | 60.9                        | 71.1    | 74.9    | 76.1    | 77.6    | 78.4  | 79.0    | 79.4        | 79.4        | 79.6    | 79.6      | 79.6      | 79.6      | 79.6       | 79.6      | 79.6    |  |
| GE 4500               | 61.3                        | 71.7    | 75.4    | 76.7    | 78.1    | 79.0  | 79.6    | 80.0        | 80.0        | 80.1    | 80.1      | 80.1      | 80.1      | 80.1       | 80.1      | 80.1    |  |
| GE 4000               | 63.7                        | 74.9    | 78.9    | 80.6    | 82.0    | 83.0  | 83.8    | 84.2        | 84.2        | 84.3    | 84.3      | 84.3      | 84.3      | 84.3       | 84.3      | 84.3    |  |
| GE 3500               | 65.0                        | 76.4    | 80.4    | 82.1    | 83.7    | 84.9  | 85.7    | 86.1        | 86.1        | 86.2    | 86.2      | 86.2      | 86.2      | 86.2       | 86.2      | 86.2    |  |
| GE 3000               | 66.8                        | 79.6    | 84.0    | 85.8    | 87.4    | 89.0  | 89.9    | 90.3        | 90.3        | 90.4    | 90.4      | 90.4      | 90.4      | 90.4       | 90.4      | 90.4    |  |
| GE 2500               | 67.2                        | 80.0    | 84.4    | 86.2    | 87.9    | 89.4  | 90.3    | 90.8        | 90.8        | 91.1    | 91.1      | 91.1      | 91.1      | 91.1       | 91.1      | 91.1    |  |
| GE 2000               | 67.2                        | 80.1    | 84.7    | 86.4    | 88.3    | 89.9  | 91.0    | 91.6        | 91.6        | 92.2    | 92.3      | 92.3      | 92.3      | 92.3       | 92.3      | 92.3    |  |
| GE 1800               | 67.2                        | 80.3    | 84.9    | 86.7    | 88.6    | 90.1  | 91.2    | 91.8        | 91.8        | 92.4    | 92.6      | 92.6      | 92.6      | 92.6       | 92.6      | 92.6    |  |
| GE 1500               | 67.3                        | 80.6    | 85.3    | 87.1    | 89.0    | 90.6  | 91.9    | 92.4        | 92.4        | 93.1    | 93.3      | 93.3      | 93.3      | 93.4       | 93.4      | 93.4    |  |
| GE 1200               | 67.4                        | 80.8    | 85.6    | 87.4    | 89.7    | 91.2  | 92.9    | 93.6        | 93.6        | 94.3    | 94.6      | 94.6      | 94.6      | 94.7       | 94.7      | 94.7    |  |
| GE 1000               | 67.4                        | 80.9    | 85.7    | 87.8    | 90.2    | 91.8  | 93.6    | 94.4        | 94.6        | 95.3    | 95.6      | 95.6      | 95.6      | 95.7       | 95.7      | 95.7    |  |
| GE 900                | 67.4                        | 80.9    | 85.9    | 88.1    | 90.6    | 92.1  | 94.0    | 94.9        | 95.0        | 95.8    | 96.0      | 96.0      | 96.0      | 96.1       | 96.1      | 96.1    |  |
| GE 800                | 67.4                        | 80.9    | 86.1    | 88.3    | 90.8    | 92.4  | 94.3    | 95.2        | 95.3        | 96.1    | 96.3      | 96.3      | 96.3      | 96.4       | 96.4      | 96.4    |  |
| GE 700                | 67.4                        | 80.9    | 86.2    | 88.6    | 91.2    | 92.9  | 95.0    | 96.0        | 96.1        | 96.9    | 97.2      | 97.3      | 97.3      | 97.4       | 97.4      | 97.4    |  |
| GE 600                | 67.4                        | 80.9    | 86.3    | 88.8    | 91.6    | 93.2  | 95.3    | 96.4        | 96.7        | 97.7    | 98.2      | 98.3      | 98.3      | 98.4       | 98.4      | 98.4    |  |
| GE 500                | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.8        | 97.0        | 98.1    | 98.8      | 98.9      | 98.9      | 99.0       | 99.0      | 99.0    |  |
| GE 400                | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.8        | 97.0        | 98.2    | 98.9      | 99.0      | 99.0      | 99.1       | 99.1      | 99.1    |  |
| GE 300                | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.9        | 97.2        | 98.4    | 99.3      | 99.4      | 99.4      | 99.6       | 99.6      | 99.6    |  |
| GE 200                | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.9        | 97.2        | 98.4    | 99.7      | 99.8      | 99.8      | 100.0      | 100.0     | 100.0   |  |
| GE 100                | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.9        | 97.2        | 98.4    | 99.7      | 99.8      | 99.8      | 100.0      | 100.0     | 100.0   |  |
| GE 0                  | 67.4                        | 80.9    | 86.3    | 88.9    | 91.7    | 93.3  | 95.4    | 96.9        | 97.2        | 98.4    | 99.7      | 99.8      | 99.8      | 100.0      | 100.0     | 100.0   |  |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 45.4                        | 50.1    | 51.7    | 52.3    | 53.4    | 53.4        | 53.7    | 53.9        | 53.9        | 53.9    | 53.9      | 53.9      | 53.9      | 53.9       | 53.9      | 53.9    |
| GE 20000              | 51.9                        | 58.4    | 60.2    | 60.9    | 62.3    | 62.3        | 62.6    | 62.8        | 62.8        | 62.8    | 62.8      | 62.8      | 62.8      | 62.8       | 62.8      | 62.8    |
| GE 18000              | 53.2                        | 59.8    | 61.6    | 62.2    | 63.7    | 63.9        | 64.1    | 64.3        | 64.3        | 64.3    | 64.3      | 64.3      | 64.3      | 64.3       | 64.3      | 64.3    |
| GE 16000              | 53.2                        | 59.8    | 61.6    | 62.2    | 63.7    | 63.9        | 64.1    | 64.3        | 64.3        | 64.3    | 64.3      | 64.3      | 64.3      | 64.3       | 64.3      | 64.3    |
| GE 14000              | 55.7                        | 62.4    | 64.3    | 65.2    | 66.8    | 67.0        | 67.2    | 67.6        | 67.6        | 67.6    | 67.6      | 67.6      | 67.6      | 67.6       | 67.6      | 67.6    |
| GE 12000              | 57.7                        | 64.7    | 66.6    | 67.4    | 69.0    | 69.2        | 69.4    | 69.8        | 69.8        | 69.8    | 69.8      | 69.8      | 69.8      | 69.8       | 69.8      | 69.8    |
| GE 10000              | 62.1                        | 69.8    | 72.6    | 73.4    | 75.0    | 75.2        | 75.7    | 76.0        | 76.0        | 76.0    | 76.0      | 76.0      | 76.0      | 76.0       | 76.0      | 76.0    |
| GE 9000               | 62.1                        | 69.8    | 72.6    | 73.4    | 75.0    | 75.2        | 75.7    | 76.0        | 76.0        | 76.0    | 76.0      | 76.0      | 76.0      | 76.0       | 76.0      | 76.0    |
| GE 8000               | 63.6                        | 71.8    | 74.7    | 75.9    | 77.4    | 77.7        | 78.1    | 78.4        | 78.4        | 78.4    | 78.4      | 78.4      | 78.4      | 78.4       | 78.4      | 78.4    |
| GE 7000               | 64.1                        | 72.4    | 75.8    | 77.0    | 78.6    | 78.8        | 79.2    | 79.7        | 79.7        | 79.7    | 79.7      | 79.7      | 79.7      | 79.7       | 79.7      | 79.7    |
| GE 6000               | 64.8                        | 73.2    | 76.6    | 77.8    | 79.3    | 79.6        | 80.0    | 80.6        | 80.6        | 80.6    | 80.6      | 80.6      | 80.6      | 80.6       | 80.6      | 80.6    |
| GE 5000               | 66.1                        | 75.0    | 78.3    | 79.7    | 81.2    | 81.4        | 81.9    | 82.4        | 82.4        | 82.4    | 82.4      | 82.4      | 82.4      | 82.4       | 82.4      | 82.4    |
| GE 4500               | 66.7                        | 75.6    | 78.9    | 80.2    | 81.8    | 82.0        | 82.4    | 83.0        | 83.0        | 83.0    | 83.0      | 83.0      | 83.0      | 83.0       | 83.0      | 83.0    |
| GE 4000               | 69.3                        | 78.8    | 82.3    | 83.9    | 85.4    | 85.9        | 86.3    | 87.1        | 87.1        | 87.1    | 87.1      | 87.1      | 87.1      | 87.1       | 87.1      | 87.1    |
| GE 3500               | 70.3                        | 79.9    | 83.4    | 85.1    | 86.7    | 87.1        | 87.6    | 88.3        | 88.3        | 88.3    | 88.3      | 88.3      | 88.3      | 88.3       | 88.3      | 88.3    |
| GE 3000               | 72.0                        | 82.0    | 85.8    | 87.6    | 89.6    | 90.0        | 90.4    | 91.3        | 91.3        | 91.3    | 91.3      | 91.3      | 91.3      | 91.3       | 91.3      | 91.3    |
| GE 2500               | 72.0                        | 82.2    | 86.1    | 88.0    | 90.2    | 90.7        | 91.1    | 92.0        | 92.0        | 92.0    | 92.0      | 92.0      | 92.0      | 92.0       | 92.0      | 92.0    |
| GE 2000               | 72.1                        | 82.9    | 86.8    | 88.7    | 91.0    | 91.7        | 92.3    | 93.4        | 93.4        | 93.6    | 93.7      | 93.7      | 93.7      | 93.8       | 93.8      | 93.8    |
| GE 1800               | 72.1                        | 83.0    | 86.9    | 88.8    | 91.1    | 91.9        | 92.6    | 93.7        | 93.7        | 93.8    | 93.9      | 93.9      | 93.9      | 94.0       | 94.0      | 94.0    |
| GE 1500               | 72.2                        | 83.1    | 87.0    | 88.9    | 91.2    | 92.2        | 92.9    | 94.0        | 94.0        | 94.2    | 94.3      | 94.4      | 94.6      | 94.7       | 94.7      | 94.7    |
| GE 1200               | 72.2                        | 83.1    | 87.1    | 89.0    | 91.6    | 92.6        | 93.2    | 94.6        | 94.7        | 94.9    | 95.1      | 95.2      | 95.3      | 95.4       | 95.4      | 95.4    |
| GE 1000               | 72.2                        | 83.7    | 87.7    | 89.6    | 92.1    | 93.1        | 93.9    | 95.3        | 95.4        | 95.8    | 96.1      | 96.2      | 96.3      | 96.4       | 96.4      | 96.4    |
| GE 900                | 72.2                        | 83.7    | 87.9    | 89.8    | 92.4    | 93.4        | 94.2    | 95.7        | 95.8        | 96.1    | 96.4      | 96.6      | 96.7      | 96.8       | 96.8      | 96.8    |
| GE 800                | 72.2                        | 83.9    | 88.1    | 90.1    | 92.9    | 93.9        | 94.7    | 96.1        | 96.2        | 96.6    | 96.9      | 97.0      | 97.1      | 97.2       | 97.2      | 97.2    |
| GE 700                | 72.2                        | 84.0    | 88.2    | 90.3    | 93.2    | 94.2        | 95.1    | 96.6        | 96.8        | 97.2    | 97.6      | 97.7      | 97.8      | 97.9       | 97.9      | 97.9    |
| GE 600                | 72.2                        | 84.0    | 88.2    | 90.3    | 93.2    | 94.2        | 95.2    | 96.8        | 97.1        | 97.8    | 98.1      | 98.2      | 98.3      | 98.4       | 98.4      | 98.4    |
| GE 500                | 72.2                        | 84.0    | 88.2    | 90.4    | 93.3    | 94.3        | 95.4    | 97.0        | 97.3        | 98.1    | 98.4      | 98.6      | 99.0      | 99.1       | 99.1      | 99.1    |
| GE 400                | 72.2                        | 84.0    | 88.2    | 90.6    | 93.4    | 94.4        | 95.6    | 97.1        | 97.4        | 98.3    | 98.7      | 98.8      | 99.2      | 99.3       | 99.3      | 99.3    |
| GE 300                | 72.2                        | 84.0    | 88.2    | 90.6    | 93.4    | 94.4        | 95.6    | 97.1        | 97.4        | 98.4    | 98.8      | 98.9      | 99.6      | 99.7       | 99.7      | 99.7    |
| GE 200                | 72.2                        | 84.0    | 88.2    | 90.6    | 93.4    | 94.4        | 95.6    | 97.1        | 97.4        | 98.6    | 98.9      | 99.0      | 99.9      | 100.0      | 100.0     | 100.0   |
| GE 100                | 72.2                        | 84.0    | 88.2    | 90.6    | 93.4    | 94.4        | 95.6    | 97.1        | 97.4        | 98.6    | 98.9      | 99.0      | 99.9      | 100.0      | 100.0     | 100.0   |
| GE 0                  | 72.2                        | 84.0    | 88.2    | 90.6    | 93.4    | 94.4        | 95.6    | 97.1        | 97.4        | 98.6    | 98.9      | 99.0      | 99.9      | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 50.3                        | 55.0    | 57.2    | 58.0    | 58.7    | 58.8        | 58.8    | 58.9        | 58.9        | 59.0    | 59.0      | 59.0      | 59.0      | 59.0       | 59.0      | 59.0    |
| GE 20000              | 54.3                        | 59.8    | 62.9    | 64.0    | 65.0    | 65.1        | 65.1    | 65.2        | 65.2        | 65.3    | 65.3      | 65.3      | 65.3      | 65.3       | 65.3      | 65.3    |
| GE 18000              | 55.1                        | 60.6    | 63.7    | 64.8    | 65.8    | 65.9        | 65.9    | 66.0        | 66.0        | 66.1    | 66.1      | 66.1      | 66.1      | 66.1       | 66.1      | 66.1    |
| GE 16000              | 55.3                        | 60.8    | 63.9    | 65.0    | 66.0    | 66.1        | 66.1    | 66.2        | 66.2        | 66.3    | 66.3      | 66.3      | 66.3      | 66.3       | 66.3      | 66.3    |
| GE 14000              | 57.7                        | 63.6    | 66.9    | 68.0    | 69.3    | 69.4        | 69.4    | 69.6        | 69.6        | 69.7    | 69.7      | 69.7      | 69.7      | 69.7       | 69.7      | 69.7    |
| GE 12000              | 59.0                        | 65.2    | 68.6    | 70.0    | 71.3    | 71.4        | 71.4    | 71.6        | 71.6        | 71.7    | 71.7      | 71.7      | 71.7      | 71.7       | 71.7      | 71.7    |
| GE 10000              | 63.3                        | 70.6    | 74.4    | 75.9    | 77.7    | 77.8        | 77.8    | 77.9        | 77.9        | 78.0    | 78.0      | 78.0      | 78.0      | 78.0       | 78.0      | 78.0    |
| GE 9000               | 63.6                        | 70.8    | 74.7    | 76.1    | 77.9    | 78.0        | 78.0    | 78.1        | 78.1        | 78.2    | 78.2      | 78.2      | 78.2      | 78.2       | 78.2      | 78.2    |
| GE 8000               | 65.8                        | 73.2    | 77.4    | 78.9    | 80.7    | 80.8        | 80.8    | 80.9        | 80.9        | 81.0    | 81.0      | 81.0      | 81.0      | 81.0       | 81.0      | 81.0    |
| GE 7000               | 66.1                        | 73.9    | 78.1    | 79.8    | 81.6    | 81.7        | 81.7    | 81.9        | 81.9        | 82.0    | 82.0      | 82.0      | 82.0      | 82.0       | 82.0      | 82.0    |
| GE 6000               | 66.6                        | 74.3    | 78.9    | 80.6    | 82.3    | 82.4        | 82.4    | 82.7        | 82.7        | 82.8    | 82.8      | 82.8      | 82.8      | 82.8       | 82.8      | 82.8    |
| GE 5000               | 67.7                        | 75.9    | 80.6    | 82.2    | 84.0    | 84.1        | 84.1    | 84.3        | 84.3        | 84.4    | 84.4      | 84.4      | 84.4      | 84.4       | 84.4      | 84.4    |
| GE 4500               | 68.2                        | 76.4    | 81.1    | 82.8    | 84.6    | 84.7        | 84.7    | 84.9        | 84.9        | 85.0    | 85.0      | 85.0      | 85.0      | 85.0       | 85.0      | 85.0    |
| GE 4000               | 70.0                        | 78.7    | 83.8    | 86.0    | 88.2    | 88.3        | 88.3    | 88.6        | 88.6        | 88.7    | 88.7      | 88.7      | 88.7      | 88.7       | 88.7      | 88.7    |
| GE 3500               | 70.4                        | 79.2    | 84.4    | 86.7    | 89.0    | 89.1        | 89.1    | 89.3        | 89.3        | 89.4    | 89.4      | 89.4      | 89.4      | 89.4       | 89.4      | 89.4    |
| GE 3000               | 70.9                        | 79.8    | 85.2    | 87.8    | 90.8    | 90.9        | 91.2    | 91.4        | 91.4        | 91.6    | 91.6      | 91.6      | 91.6      | 91.6       | 91.6      | 91.6    |
| GE 2500               | 70.9                        | 79.9    | 85.3    | 87.9    | 91.0    | 91.1        | 91.6    | 91.8        | 91.8        | 91.9    | 91.9      | 91.9      | 91.9      | 91.9       | 91.9      | 91.9    |
| GE 2000               | 71.2                        | 80.7    | 86.2    | 88.9    | 92.0    | 92.3        | 92.9    | 93.4        | 93.4        | 93.6    | 93.6      | 93.6      | 93.6      | 93.6       | 93.6      | 93.6    |
| GE 1800               | 71.4                        | 81.0    | 86.6    | 89.2    | 92.3    | 92.8        | 93.3    | 93.9        | 93.9        | 94.0    | 94.0      | 94.0      | 94.0      | 94.0       | 94.0      | 94.0    |
| GE 1500               | 71.4                        | 81.1    | 86.7    | 89.3    | 92.8    | 93.2        | 93.9    | 94.8        | 94.8        | 94.9    | 94.9      | 94.9      | 94.9      | 94.9       | 94.9      | 94.9    |
| GE 1200               | 71.6                        | 81.2    | 86.9    | 89.7    | 93.2    | 93.8        | 94.9    | 95.9        | 95.9        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 1000               | 71.6                        | 81.2    | 87.2    | 90.0    | 93.6    | 94.2        | 95.6    | 96.6        | 96.6        | 96.7    | 96.7      | 96.7      | 96.7      | 96.7       | 96.7      | 96.7    |
| GE 900                | 71.6                        | 81.3    | 87.4    | 90.2    | 93.8    | 94.6        | 95.9    | 96.9        | 96.9        | 97.0    | 97.0      | 97.0      | 97.0      | 97.0       | 97.0      | 97.0    |
| GE 800                | 71.6                        | 81.3    | 87.4    | 90.2    | 93.9    | 94.7        | 96.1    | 97.2        | 97.2        | 97.3    | 97.3      | 97.3      | 97.3      | 97.3       | 97.3      | 97.3    |
| GE 700                | 71.6                        | 81.3    | 87.4    | 90.2    | 94.0    | 94.8        | 96.2    | 97.3        | 97.3        | 97.6    | 97.6      | 97.6      | 97.6      | 97.6       | 97.6      | 97.6    |
| GE 600                | 71.6                        | 81.3    | 87.4    | 90.2    | 94.4    | 95.2        | 96.8    | 98.0        | 98.0        | 98.2    | 98.2      | 98.2      | 98.2      | 98.2       | 98.2      | 98.2    |
| GE 500                | 71.6                        | 81.3    | 87.4    | 90.4    | 94.9    | 95.8        | 97.3    | 98.6        | 98.6        | 99.0    | 99.1      | 99.1      | 99.2      | 99.2       | 99.2      | 99.2    |
| GE 400                | 71.6                        | 81.3    | 87.4    | 90.6    | 95.0    | 95.9        | 97.6    | 98.8        | 98.8        | 99.2    | 99.3      | 99.3      | 99.4      | 99.4       | 99.4      | 99.4    |
| GE 300                | 71.6                        | 81.3    | 87.4    | 90.7    | 95.2    | 96.1        | 97.8    | 99.1        | 99.2        | 99.7    | 99.9      | 99.9      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 200                | 71.6                        | 81.3    | 87.4    | 90.7    | 95.2    | 96.1        | 97.8    | 99.1        | 99.2        | 99.7    | 99.9      | 99.9      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 100                | 71.6                        | 81.3    | 87.4    | 90.7    | 95.2    | 96.1        | 97.8    | 99.1        | 99.2        | 99.7    | 99.9      | 99.9      | 100.0     | 100.0      | 100.0     | 100.0   |
| GE 0                  | 71.6                        | 81.3    | 87.4    | 90.7    | 95.2    | 96.1        | 97.8    | 99.1        | 99.2        | 99.7    | 99.9      | 99.9      | 100.0     | 100.0      | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 50.6                        | 58.0    | 60.0    | 61.3    | 62.0    | 62.1        | 62.1    | 62.2        | 62.2        | 62.2    | 62.2      | 62.2      | 62.2      | 62.2       | 62.2      | 62.2    |
| GE 20000              | 55.1                        | 63.7    | 66.3    | 68.1    | 68.9    | 69.2        | 69.2    | 69.3        | 69.3        | 69.3    | 69.3      | 69.3      | 69.3      | 69.3       | 69.3      | 69.3    |
| GE 18000              | 56.0                        | 64.7    | 67.3    | 69.1    | 69.9    | 70.2        | 70.2    | 70.3        | 70.3        | 70.3    | 70.3      | 70.3      | 70.3      | 70.3       | 70.3      | 70.3    |
| GE 16000              | 56.2                        | 65.0    | 67.7    | 69.4    | 70.2    | 70.6        | 70.6    | 70.7        | 70.7        | 70.7    | 70.7      | 70.7      | 70.7      | 70.7       | 70.7      | 70.7    |
| GE 14000              | 57.3                        | 66.8    | 69.6    | 71.3    | 72.1    | 72.4        | 72.4    | 72.6        | 72.6        | 72.6    | 72.6      | 72.6      | 72.6      | 72.6       | 72.6      | 72.6    |
| GE 12000              | 59.3                        | 69.1    | 72.1    | 74.0    | 74.8    | 75.1        | 75.1    | 75.2        | 75.2        | 75.2    | 75.2      | 75.2      | 75.2      | 75.2       | 75.2      | 75.2    |
| GE 10000              | 62.4                        | 72.7    | 76.0    | 78.0    | 79.2    | 79.6        | 79.6    | 79.7        | 79.7        | 79.7    | 79.7      | 79.7      | 79.7      | 79.7       | 79.7      | 79.7    |
| GE 9000               | 62.4                        | 72.7    | 76.0    | 78.0    | 79.2    | 79.6        | 79.6    | 79.7        | 79.7        | 79.7    | 79.7      | 79.7      | 79.7      | 79.7       | 79.7      | 79.7    |
| GE 8000               | 64.2                        | 74.9    | 78.4    | 80.4    | 81.7    | 82.0        | 82.0    | 82.1        | 82.1        | 82.1    | 82.1      | 82.1      | 82.1      | 82.1       | 82.1      | 82.1    |
| GE 7000               | 64.6                        | 75.3    | 78.9    | 80.9    | 82.1    | 82.4        | 82.4    | 82.6        | 82.6        | 82.6    | 82.6      | 82.6      | 82.6      | 82.6       | 82.6      | 82.6    |
| GE 6000               | 64.8                        | 75.7    | 79.2    | 81.2    | 82.4    | 82.8        | 82.8    | 82.9        | 82.9        | 82.9    | 82.9      | 82.9      | 82.9      | 82.9       | 82.9      | 82.9    |
| GE 5000               | 65.2                        | 76.1    | 79.7    | 81.7    | 83.0    | 83.3        | 83.3    | 83.4        | 83.4        | 83.4    | 83.4      | 83.4      | 83.4      | 83.4       | 83.4      | 83.4    |
| GE 4500               | 65.7                        | 76.6    | 80.2    | 82.4    | 83.8    | 84.1        | 84.1    | 84.2        | 84.2        | 84.2    | 84.2      | 84.2      | 84.2      | 84.2       | 84.2      | 84.2    |
| GE 4000               | 66.7                        | 78.0    | 81.9    | 84.2    | 85.8    | 86.1        | 86.1    | 86.2        | 86.2        | 86.2    | 86.2      | 86.2      | 86.2      | 86.2       | 86.2      | 86.2    |
| GE 3500               | 66.8                        | 78.4    | 82.3    | 84.7    | 86.2    | 86.6        | 86.6    | 86.7        | 86.7        | 86.7    | 86.7      | 86.7      | 86.7      | 86.7       | 86.7      | 86.7    |
| GE 3000               | 67.7                        | 80.1    | 84.1    | 86.6    | 88.7    | 89.1        | 89.6    | 89.7        | 89.7        | 89.7    | 89.7      | 89.7      | 89.7      | 89.7       | 89.7      | 89.7    |
| GE 2500               | 67.8                        | 80.4    | 84.4    | 87.0    | 89.4    | 89.9        | 90.3    | 90.4        | 90.4        | 90.4    | 90.4      | 90.4      | 90.4      | 90.4       | 90.4      | 90.4    |
| GE 2000               | 67.9                        | 81.1    | 85.7    | 88.6    | 91.3    | 91.8        | 92.3    | 92.6        | 92.6        | 92.6    | 92.6      | 92.6      | 92.6      | 92.6       | 92.6      | 92.6    |
| GE 1800               | 67.9                        | 81.7    | 86.4    | 89.3    | 92.2    | 92.7        | 93.2    | 93.4        | 93.4        | 93.4    | 93.4      | 93.4      | 93.4      | 93.4       | 93.4      | 93.4    |
| GE 1500               | 68.0                        | 81.8    | 86.8    | 89.7    | 92.7    | 93.1        | 93.7    | 94.1        | 94.1        | 94.1    | 94.1      | 94.1      | 94.1      | 94.1       | 94.1      | 94.1    |
| GE 1200               | 68.1                        | 82.1    | 87.3    | 90.3    | 93.9    | 94.6        | 95.2    | 95.8        | 95.8        | 95.8    | 95.8      | 95.8      | 95.8      | 95.8       | 95.8      | 95.8    |
| GE 1000               | 68.1                        | 82.1    | 87.3    | 90.3    | 93.9    | 94.6        | 95.2    | 95.9        | 96.0        | 96.0    | 96.0      | 96.0      | 96.0      | 96.0       | 96.0      | 96.0    |
| GE 900                | 68.1                        | 82.4    | 87.9    | 91.0    | 94.7    | 95.3        | 96.0    | 96.7        | 96.8        | 96.8    | 96.8      | 96.8      | 96.8      | 96.8       | 96.8      | 96.8    |
| GE 800                | 68.1                        | 82.4    | 87.9    | 91.1    | 95.0    | 95.7        | 96.3    | 97.0        | 97.1        | 97.1    | 97.1      | 97.1      | 97.1      | 97.1       | 97.1      | 97.1    |
| GE 700                | 68.1                        | 82.8    | 88.2    | 91.4    | 95.4    | 96.1        | 96.8    | 97.7        | 97.8        | 97.8    | 97.8      | 97.8      | 97.8      | 97.8       | 97.8      | 97.8    |
| GE 600                | 68.1                        | 82.8    | 88.2    | 91.4    | 95.6    | 96.3        | 97.0    | 97.9        | 98.0        | 98.0    | 98.0      | 98.0      | 98.0      | 98.0       | 98.0      | 98.0    |
| GE 500                | 68.1                        | 82.8    | 88.2    | 91.4    | 95.9    | 96.7        | 97.3    | 98.2        | 98.3        | 98.3    | 98.3      | 98.3      | 98.3      | 98.3       | 98.4      | 98.4    |
| GE 400                | 68.1                        | 82.8    | 88.2    | 91.4    | 95.9    | 96.8        | 97.6    | 98.4        | 98.6        | 98.6    | 98.6      | 98.6      | 98.6      | 98.6       | 98.7      | 99.0    |
| GE 300                | 68.1                        | 82.8    | 88.2    | 91.4    | 96.1    | 97.0        | 97.8    | 98.7        | 98.9        | 98.9    | 98.9      | 98.9      | 98.9      | 98.9       | 99.0      | 99.3    |
| GE 200                | 68.1                        | 82.8    | 88.2    | 91.4    | 96.1    | 97.0        | 97.8    | 98.7        | 98.9        | 98.9    | 98.9      | 98.9      | 99.1      | 99.1       | 99.3      | 99.9    |
| GE 100                | 68.2                        | 82.9    | 88.3    | 91.6    | 96.2    | 97.1        | 97.9    | 98.8        | 99.0        | 99.0    | 99.0      | 99.0      | 99.2      | 99.2       | 99.4      | 100.0   |
| GE 0                  | 68.2                        | 82.9    | 88.3    | 91.6    | 96.2    | 97.1        | 97.9    | 98.8        | 99.0        | 99.0    | 99.0      | 99.0      | 99.2      | 99.2       | 99.4      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87

MONTH: NOV

HOURS(LST):

ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |         |             |             |         |           |           |           |            |           |         |       |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|-------|
|                       | GE<br>10                    | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | 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>5/16 | GE<br>1/4 | GE<br>0 |       |
| NO CEIL               | 46.5                        | 52.7    | 54.8    | 55.8    | 56.8    | 57.0    | 57.2        | 57.5        | 57.5    | 57.7      | 57.9      | 57.9      | 58.1       | 58.1      | 58.2    | 58.4  |
| GE 20000              | 51.0                        | 58.4    | 60.9    | 62.2    | 63.4    | 63.6    | 64.0        | 64.3        | 64.4    | 64.5      | 64.7      | 64.8      | 64.9       | 65.0      | 65.1    | 65.3  |
| GE 18000              | 51.7                        | 59.1    | 61.6    | 62.9    | 64.1    | 64.4    | 64.8        | 65.1        | 65.2    | 65.3      | 65.5      | 65.6      | 65.7       | 65.8      | 65.9    | 66.2  |
| GE 16000              | 51.8                        | 59.3    | 61.8    | 63.1    | 64.3    | 64.6    | 64.9        | 65.3        | 65.3    | 65.5      | 65.7      | 65.7      | 65.9       | 66.0      | 66.1    | 66.3  |
| GE 14000              | 53.0                        | 60.8    | 63.4    | 64.8    | 66.1    | 66.4    | 66.8        | 67.2        | 67.2    | 67.4      | 67.6      | 67.7      | 67.8       | 67.9      | 68.0    | 68.3  |
| GE 12000              | 54.8                        | 62.8    | 65.5    | 67.0    | 68.3    | 68.7    | 69.0        | 69.4        | 69.4    | 69.6      | 69.9      | 69.9      | 70.1       | 70.1      | 70.2    | 70.5  |
| GE 10000              | 58.1                        | 66.8    | 69.9    | 71.5    | 73.0    | 73.4    | 73.8        | 74.2        | 74.3    | 74.5      | 74.7      | 74.7      | 74.9       | 74.9      | 75.1    | 75.3  |
| GE 9000               | 58.3                        | 67.0    | 70.1    | 71.7    | 73.3    | 73.6    | 74.0        | 74.4        | 74.5    | 74.7      | 74.9      | 74.9      | 75.1       | 75.1      | 75.3    | 75.5  |
| GE 8000               | 60.4                        | 69.6    | 73.0    | 74.8    | 76.5    | 76.9    | 77.3        | 77.7        | 77.7    | 77.9      | 78.2      | 78.2      | 78.4       | 78.4      | 78.6    | 78.8  |
| GE 7000               | 60.8                        | 70.2    | 73.7    | 75.6    | 77.3    | 77.8    | 78.2        | 78.7        | 78.7    | 79.0      | 79.2      | 79.3      | 79.4       | 79.5      | 79.6    | 79.9  |
| GE 6000               | 61.1                        | 70.6    | 74.1    | 76.1    | 77.9    | 78.4    | 78.8        | 79.3        | 79.4    | 79.6      | 79.8      | 79.9      | 80.1       | 80.1      | 80.3    | 80.5  |
| GE 5000               | 61.8                        | 71.6    | 75.1    | 77.1    | 79.0    | 79.5    | 79.9        | 80.5        | 80.6    | 80.8      | 81.1      | 81.1      | 81.3       | 81.3      | 81.5    | 81.7  |
| GE 4500               | 62.1                        | 71.9    | 75.5    | 77.5    | 79.4    | 79.9    | 80.4        | 80.9        | 81.0    | 81.2      | 81.5      | 81.5      | 81.7       | 81.7      | 81.9    | 82.1  |
| GE 4000               | 63.9                        | 74.2    | 78.0    | 80.3    | 82.5    | 83.0    | 83.5        | 84.1        | 84.2    | 84.5      | 84.7      | 84.8      | 84.9       | 85.0      | 85.1    | 85.4  |
| GE 3500               | 64.4                        | 74.9    | 78.8    | 81.2    | 83.4    | 83.9    | 84.5        | 85.1        | 85.2    | 85.4      | 85.7      | 85.7      | 85.9       | 86.0      | 86.1    | 86.3  |
| GE 3000               | 65.7                        | 76.7    | 80.9    | 83.4    | 86.0    | 86.7    | 87.5        | 88.2        | 88.3    | 88.6      | 88.8      | 88.9      | 89.1       | 89.1      | 89.3    | 89.5  |
| GE 2500               | 65.9                        | 77.1    | 81.4    | 84.0    | 86.6    | 87.3    | 88.1        | 88.9        | 89.0    | 89.4      | 89.6      | 89.7      | 89.8       | 89.9      | 90.1    | 90.3  |
| GE 2000               | 66.2                        | 77.7    | 82.2    | 84.9    | 87.7    | 88.5    | 89.5        | 90.4        | 90.5    | 91.0      | 91.3      | 91.4      | 91.6       | 91.6      | 91.8    | 92.1  |
| GE 1800               | 66.3                        | 78.0    | 82.5    | 85.2    | 88.1    | 88.9    | 89.9        | 90.8        | 90.9    | 91.4      | 91.7      | 91.8      | 92.0       | 92.0      | 92.2    | 92.5  |
| GE 1500               | 66.4                        | 78.2    | 82.9    | 85.6    | 88.6    | 89.4    | 90.4        | 91.5        | 91.6    | 92.2      | 92.5      | 92.6      | 92.8       | 92.9      | 93.0    | 93.3  |
| GE 1200               | 66.5                        | 78.5    | 83.2    | 86.1    | 89.3    | 90.3    | 91.4        | 92.6        | 92.7    | 93.3      | 93.7      | 93.8      | 94.0       | 94.1      | 94.3    | 94.5  |
| GE 1000               | 66.6                        | 78.6    | 83.4    | 86.4    | 89.7    | 90.7    | 91.9        | 93.3        | 93.4    | 94.0      | 94.5      | 94.6      | 94.8       | 94.9      | 95.0    | 95.3  |
| GE 900                | 66.6                        | 78.7    | 83.6    | 86.6    | 90.0    | 91.0    | 92.3        | 93.7        | 93.8    | 94.4      | 94.9      | 95.0      | 95.2       | 95.3      | 95.4    | 95.7  |
| GE 800                | 66.6                        | 78.8    | 83.8    | 86.8    | 90.3    | 91.4    | 92.7        | 94.1        | 94.2    | 94.9      | 95.3      | 95.4      | 95.6       | 95.7      | 95.9    | 96.1  |
| GE 700                | 66.6                        | 78.9    | 83.8    | 86.9    | 90.5    | 91.6    | 93.0        | 94.4        | 94.6    | 95.3      | 95.7      | 95.9      | 96.1       | 96.2      | 96.3    | 96.6  |
| GE 600                | 66.6                        | 78.9    | 83.8    | 86.9    | 90.7    | 91.8    | 93.2        | 94.8        | 95.0    | 95.8      | 96.2      | 96.3      | 96.6       | 96.7      | 96.8    | 97.1  |
| GE 500                | 66.6                        | 78.9    | 83.9    | 87.0    | 90.9    | 92.0    | 93.5        | 95.2        | 95.4    | 96.3      | 96.8      | 96.9      | 97.2       | 97.3      | 97.5    | 97.8  |
| GE 400                | 66.6                        | 78.9    | 83.9    | 87.1    | 91.0    | 92.1    | 93.7        | 95.4        | 95.8    | 96.8      | 97.3      | 97.5      | 97.7       | 97.8      | 98.0    | 98.3  |
| GE 300                | 66.6                        | 78.9    | 83.9    | 87.1    | 91.0    | 92.2    | 93.8        | 95.6        | 96.0    | 97.1      | 97.8      | 98.0      | 98.3       | 98.4      | 98.6    | 99.0  |
| GE 200                | 66.6                        | 78.9    | 83.9    | 87.1    | 91.0    | 92.2    | 93.8        | 95.6        | 96.0    | 97.2      | 98.0      | 98.1      | 98.5       | 98.7      | 99.0    | 99.7  |
| GE 100                | 66.6                        | 78.9    | 83.9    | 87.1    | 91.1    | 92.2    | 93.9        | 95.6        | 96.0    | 97.2      | 98.0      | 98.1      | 98.5       | 98.7      | 99.0    | 99.9  |
| GE 0                  | 66.6                        | 78.9    | 83.9    | 87.1    | 91.1    | 92.2    | 93.9        | 95.6        | 96.0    | 97.2      | 98.0      | 98.1      | 98.5       | 98.7      | 99.0    | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 0000-0200

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 30.1                        | 36.9     | 38.8    | 41.5    | 44.2    | 44.9    | 45.8        | 46.3    | 46.8        | 47.0        | 47.4    | 47.4      | 47.5      | 47.6      | 49.2       | 49.4      |         |
| GE 20000              | 31.8                        | 39.1     | 41.1    | 44.1    | 46.9    | 47.6    | 48.6        | 49.1    | 49.6        | 49.9        | 50.5    | 50.5      | 50.6      | 50.8      | 51.3       | 52.5      |         |
| GE 18000              | 32.5                        | 39.8     | 41.7    | 44.7    | 47.8    | 48.6    | 49.6        | 50.1    | 50.6        | 51.0        | 51.6    | 51.6      | 51.7      | 51.8      | 52.4       | 53.5      |         |
| GE 16000              | 32.5                        | 40.0     | 41.9    | 44.9    | 48.1    | 48.8    | 49.8        | 50.3    | 50.9        | 51.2        | 51.8    | 51.8      | 51.9      | 52.0      | 52.6       | 53.8      |         |
| GE 14000              | 32.5                        | 40.2     | 42.3    | 45.3    | 48.4    | 49.1    | 50.1        | 50.6    | 51.2        | 51.5        | 52.2    | 52.2      | 52.4      | 52.5      | 53.0       | 54.2      |         |
| GE 12000              | 32.7                        | 40.4     | 42.5    | 45.5    | 48.7    | 49.5    | 50.8        | 51.4    | 51.9        | 52.3        | 52.9    | 52.9      | 53.1      | 53.2      | 53.8       | 54.9      |         |
| GE 10000              | 34.8                        | 43.3     | 45.4    | 48.4    | 51.6    | 52.4    | 53.8        | 54.4    | 54.9        | 55.3        | 55.9    | 55.9      | 56.1      | 56.2      | 56.8       | 58.0      |         |
| GE 9000               | 34.8                        | 43.3     | 45.4    | 48.4    | 51.6    | 52.4    | 53.8        | 54.4    | 54.9        | 55.6        | 56.2    | 56.2      | 56.5      | 56.6      | 57.1       | 58.3      |         |
| GE 8000               | 36.2                        | 45.2     | 47.5    | 50.8    | 54.3    | 55.1    | 56.5        | 57.1    | 57.6        | 58.3        | 58.9    | 58.9      | 59.1      | 59.2      | 59.8       | 61.0      |         |
| GE 7000               | 37.5                        | 46.6     | 48.9    | 52.3    | 55.8    | 56.6    | 58.1        | 58.9    | 59.5        | 60.1        | 60.8    | 60.8      | 61.0      | 61.1      | 61.6       | 62.8      |         |
| GE 6000               | 37.8                        | 46.9     | 49.2    | 52.6    | 56.1    | 56.9    | 58.4        | 59.2    | 59.8        | 60.4        | 61.1    | 61.1      | 61.3      | 61.4      | 61.9       | 63.1      |         |
| GE 5000               | 38.0                        | 47.1     | 49.5    | 52.8    | 56.3    | 57.1    | 58.8        | 59.7    | 60.2        | 60.9        | 61.5    | 61.5      | 61.7      | 61.8      | 62.4       | 63.5      |         |
| GE 4500               | 38.1                        | 47.4     | 49.9    | 53.2    | 56.8    | 57.5    | 59.2        | 60.1    | 60.6        | 61.3        | 61.9    | 61.9      | 62.2      | 62.3      | 62.8       | 64.0      |         |
| GE 4000               | 39.5                        | 50.0     | 53.0    | 56.3    | 60.3    | 61.2    | 62.9        | 63.8    | 64.3        | 64.9        | 65.7    | 65.7      | 65.9      | 66.0      | 66.7       | 67.8      |         |
| GE 3500               | 40.3                        | 50.9     | 53.9    | 57.2    | 61.2    | 62.0    | 63.8        | 64.6    | 65.2        | 65.8        | 66.6    | 66.6      | 66.8      | 66.9      | 67.5       | 68.7      |         |
| GE 3000               | 41.1                        | 52.9     | 56.0    | 60.0    | 64.0    | 64.8    | 66.7        | 67.5    | 68.1        | 68.7        | 69.5    | 69.5      | 69.7      | 69.8      | 70.4       | 71.6      |         |
| GE 2500               | 41.4                        | 53.2     | 56.7    | 60.8    | 64.7    | 65.7    | 67.7        | 68.6    | 69.1        | 70.0        | 70.8    | 70.8      | 71.0      | 71.1      | 71.7       | 72.9      |         |
| GE 2000               | 41.4                        | 53.5     | 57.1    | 61.3    | 65.8    | 66.8    | 69.4        | 70.2    | 70.8        | 71.6        | 72.4    | 72.4      | 72.6      | 72.7      | 73.4       | 74.6      |         |
| GE 1800               | 41.4                        | 53.5     | 57.1    | 61.3    | 65.8    | 66.8    | 69.4        | 70.2    | 70.8        | 71.6        | 72.4    | 72.4      | 72.6      | 72.7      | 73.4       | 74.6      |         |
| GE 1500               | 41.7                        | 54.3     | 58.0    | 62.5    | 67.2    | 68.2    | 70.8        | 71.6    | 72.2        | 73.0        | 73.8    | 73.8      | 74.0      | 74.1      | 74.8       | 76.0      |         |
| GE 1200               | 41.7                        | 54.4     | 58.1    | 62.8    | 67.5    | 68.6    | 71.2        | 72.0    | 72.6        | 73.4        | 74.2    | 74.2      | 74.4      | 74.5      | 75.3       | 76.5      |         |
| GE 1000               | 41.7                        | 54.7     | 58.5    | 63.5    | 68.5    | 69.9    | 72.9        | 73.8    | 74.3        | 75.3        | 76.0    | 76.0      | 76.2      | 76.3      | 77.1       | 78.3      |         |
| GE 900                | 41.7                        | 54.7     | 58.5    | 63.9    | 69.0    | 70.4    | 73.7        | 74.7    | 75.3        | 76.2        | 77.0    | 77.0      | 77.2      | 77.3      | 78.1       | 79.2      |         |
| GE 800                | 41.7                        | 54.7     | 58.5    | 64.0    | 69.6    | 71.3    | 74.6        | 75.7    | 76.2        | 77.2        | 78.0    | 78.0      | 78.2      | 78.3      | 79.0       | 80.2      |         |
| GE 700                | 41.8                        | 54.8     | 58.6    | 64.2    | 69.9    | 71.6    | 75.2        | 76.3    | 76.9        | 77.8        | 78.7    | 78.7      | 79.0      | 79.1      | 79.9       | 81.1      |         |
| GE 600                | 41.8                        | 54.8     | 58.6    | 64.3    | 70.1    | 72.0    | 76.2        | 77.5    | 78.2        | 79.1        | 80.1    | 80.1      | 80.4      | 80.5      | 81.3       | 82.5      |         |
| GE 500                | 41.8                        | 54.8     | 58.6    | 64.3    | 70.3    | 72.5    | 77.4        | 79.0    | 79.8        | 80.9        | 82.2    | 82.4      | 82.7      | 82.8      | 83.5       | 84.8      |         |
| GE 400                | 41.8                        | 54.8     | 58.7    | 64.4    | 70.5    | 72.9    | 78.2        | 80.2    | 81.0        | 82.3        | 83.5    | 84.0      | 84.4      | 84.5      | 85.7       | 87.3      |         |
| GE 300                | 41.8                        | 54.8     | 58.7    | 64.4    | 70.5    | 73.0    | 78.6        | 81.1    | 81.8        | 83.2        | 84.7    | 85.2      | 85.6      | 86.0      | 87.6       | 89.6      |         |
| GE 200                | 41.8                        | 54.8     | 58.7    | 64.4    | 70.9    | 73.3    | 78.9        | 81.4    | 82.2        | 83.6        | 85.6    | 86.1      | 86.8      | 87.5      | 90.0       | 94.6      |         |
| GE 100                | 41.8                        | 54.8     | 58.7    | 64.4    | 70.9    | 73.3    | 78.9        | 81.4    | 82.2        | 83.9        | 85.7    | 86.2      | 86.9      | 87.6      | 90.6       | 99.1      |         |
| GE 0                  | 41.8                        | 54.8     | 58.7    | 64.4    | 70.9    | 73.3    | 78.9        | 81.4    | 82.2        | 83.9        | 85.7    | 86.2      | 86.9      | 87.6      | 90.6       | 100.0     |         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 0300-0500

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |         |             |         |           |           |           |            |           |         |      |       |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|------|-------|
|                       | GE<br>10                    | GE<br>6 | GE<br>5 | GE<br>4 | GE<br>3 | GE<br>2 | GE<br>1 1/2 | GE<br>1 | GE<br>3/4 | GE<br>5/8 | GE<br>1/2 | GE<br>5/16 | GE<br>1/4 | GE<br>0 |      |       |
| NO CEIL               | 26.3                        | 32.0    | 33.3    | 34.7    | 36.9    | 37.1    | 38.4        | 39.4    | 39.6      | 39.9      | 40.3      | 40.9       | 41.2      | 41.2    | 41.5 | 42.8  |
| GE 20000              | 28.1                        | 34.1    | 35.6    | 37.1    | 39.4    | 39.6    | 41.0        | 42.0    | 42.3      | 42.7      | 43.2      | 43.8       | 44.2      | 44.2    | 44.5 | 45.8  |
| GE 18000              | 28.5                        | 34.8    | 36.3    | 38.0    | 40.2    | 40.4    | 41.8        | 43.0    | 43.2      | 43.7      | 44.2      | 44.7       | 45.2      | 45.2    | 45.5 | 46.8  |
| GE 16000              | 28.6                        | 34.9    | 36.5    | 38.1    | 40.3    | 40.5    | 42.0        | 43.2    | 43.4      | 44.0      | 44.5      | 45.1       | 45.5      | 45.5    | 45.8 | 47.1  |
| GE 14000              | 29.0                        | 35.6    | 37.4    | 39.0    | 41.3    | 41.5    | 43.0        | 44.2    | 44.4      | 44.9      | 45.5      | 46.0       | 46.5      | 46.5    | 46.8 | 48.1  |
| GE 12000              | 29.2                        | 35.9    | 37.8    | 39.6    | 41.9    | 42.2    | 43.9        | 45.2    | 45.5      | 46.2      | 46.9      | 47.5       | 48.0      | 48.0    | 48.3 | 49.6  |
| GE 10000              | 30.4                        | 37.8    | 39.9    | 41.7    | 44.1    | 44.3    | 46.0        | 47.3    | 47.6      | 48.5      | 49.1      | 49.8       | 50.2      | 50.2    | 50.5 | 51.8  |
| GE 9000               | 30.4                        | 37.8    | 39.9    | 41.7    | 44.1    | 44.3    | 46.0        | 47.4    | 47.7      | 48.7      | 49.4      | 50.0       | 50.4      | 50.4    | 50.8 | 52.0  |
| GE 8000               | 32.3                        | 40.3    | 43.1    | 44.9    | 47.6    | 47.8    | 49.6        | 51.0    | 51.3      | 52.3      | 52.9      | 53.5       | 54.0      | 54.0    | 54.3 | 55.6  |
| GE 7000               | 33.3                        | 41.5    | 44.3    | 46.1    | 48.8    | 49.0    | 50.8        | 52.2    | 52.5      | 53.4      | 54.1      | 54.7       | 55.2      | 55.2    | 55.5 | 56.8  |
| GE 6000               | 34.0                        | 42.2    | 44.9    | 46.8    | 49.5    | 49.7    | 51.6        | 53.0    | 53.3      | 54.3      | 54.9      | 55.6       | 56.0      | 56.0    | 56.3 | 57.6  |
| GE 5000               | 34.3                        | 42.6    | 45.4    | 47.2    | 49.9    | 50.1    | 52.4        | 53.8    | 54.1      | 55.1      | 55.7      | 56.3       | 56.8      | 56.8    | 57.1 | 58.4  |
| GE 4500               | 34.5                        | 43.0    | 45.9    | 47.7    | 50.4    | 50.6    | 52.9        | 54.3    | 54.6      | 55.6      | 56.2      | 56.9       | 57.3      | 57.3    | 57.6 | 58.9  |
| GE 4000               | 36.5                        | 45.6    | 48.7    | 51.1    | 53.8    | 54.0    | 56.5        | 57.8    | 58.2      | 59.2      | 60.2      | 60.9       | 61.3      | 61.3    | 61.6 | 62.9  |
| GE 3500               | 37.0                        | 46.2    | 49.4    | 51.7    | 54.4    | 54.6    | 57.3        | 58.8    | 59.1      | 60.2      | 61.2      | 61.8       | 62.3      | 62.3    | 62.6 | 63.9  |
| GE 3000               | 38.2                        | 47.8    | 51.3    | 54.0    | 57.2    | 57.4    | 60.1        | 61.7    | 62.0      | 63.1      | 64.2      | 64.8       | 65.3      | 65.3    | 65.6 | 66.9  |
| GE 2500               | 38.4                        | 48.7    | 52.6    | 55.3    | 58.7    | 58.9    | 61.6        | 63.2    | 63.5      | 64.6      | 65.7      | 66.3       | 66.8      | 66.8    | 67.1 | 68.4  |
| GE 2000               | 39.0                        | 49.7    | 53.5    | 56.5    | 60.0    | 60.2    | 62.9        | 64.6    | 64.9      | 66.0      | 67.5      | 68.2       | 68.6      | 68.6    | 68.9 | 70.2  |
| GE 1800               | 39.0                        | 49.8    | 53.8    | 56.7    | 60.2    | 60.4    | 63.1        | 64.8    | 65.2      | 66.2      | 67.8      | 68.5       | 68.9      | 68.9    | 69.2 | 70.5  |
| GE 1500               | 39.0                        | 50.1    | 54.2    | 57.2    | 61.3    | 61.6    | 64.4        | 66.1    | 66.5      | 67.6      | 69.2      | 69.9       | 70.3      | 70.3    | 70.6 | 71.9  |
| GE 1200               | 39.0                        | 50.3    | 54.6    | 58.1    | 62.9    | 63.2    | 66.6        | 68.3    | 68.6      | 69.8      | 71.4      | 72.0       | 72.5      | 72.5    | 72.8 | 74.1  |
| GE 1000               | 39.0                        | 50.4    | 55.1    | 58.9    | 64.0    | 64.4    | 68.2        | 69.9    | 70.2      | 71.4      | 73.1      | 73.8       | 74.2      | 74.2    | 74.5 | 75.8  |
| GE 900                | 39.0                        | 50.4    | 55.3    | 59.2    | 64.3    | 64.7    | 68.7        | 70.5    | 71.0      | 72.4      | 74.1      | 74.7       | 75.2      | 75.2    | 75.5 | 76.8  |
| GE 800                | 39.0                        | 50.4    | 55.3    | 59.4    | 64.6    | 65.3    | 69.4        | 71.3    | 71.7      | 73.2      | 74.9      | 75.6       | 76.0      | 76.0    | 76.3 | 77.6  |
| GE 700                | 39.0                        | 50.4    | 55.4    | 59.5    | 64.7    | 65.5    | 69.8        | 71.9    | 72.4      | 73.9      | 75.6      | 76.2       | 76.7      | 76.7    | 77.0 | 78.3  |
| GE 600                | 39.0                        | 50.4    | 55.5    | 59.7    | 65.2    | 65.9    | 70.6        | 72.9    | 73.3      | 74.8      | 76.9      | 77.5       | 78.0      | 78.0    | 78.3 | 79.6  |
| GE 500                | 39.0                        | 50.4    | 55.8    | 60.0    | 65.7    | 66.5    | 72.2        | 74.6    | 75.1      | 76.8      | 79.1      | 79.8       | 80.2      | 80.2    | 80.5 | 81.8  |
| GE 400                | 39.0                        | 50.4    | 55.8    | 60.0    | 66.1    | 66.9    | 72.9        | 76.0    | 76.5      | 78.4      | 80.9      | 81.6       | 82.0      | 82.0    | 82.4 | 83.8  |
| GE 300                | 39.0                        | 50.4    | 55.8    | 60.0    | 66.1    | 66.9    | 72.9        | 76.7    | 77.2      | 79.6      | 82.2      | 82.9       | 83.3      | 83.5    | 84.6 | 86.5  |
| GE 200                | 39.0                        | 50.4    | 55.8    | 60.0    | 66.1    | 67.0    | 73.0        | 77.2    | 77.8      | 80.8      | 83.8      | 84.5       | 85.2      | 85.8    | 88.3 | 92.2  |
| GE 100                | 39.0                        | 50.4    | 55.8    | 60.0    | 66.1    | 67.0    | 73.0        | 77.2    | 77.8      | 80.8      | 83.9      | 84.7       | 85.4      | 86.1    | 88.8 | 98.6  |
| GE 0                  | 39.0                        | 50.4    | 55.8    | 60.0    | 66.1    | 67.0    | 73.0        | 77.2    | 77.8      | 80.8      | 83.9      | 84.7       | 85.4      | 86.1    | 88.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0600-0800

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |  |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |  |
| NO CEIL               | 24.1                        | 28.4    | 30.5    | 32.4    | 34.1    | 34.7        | 35.8    | 37.1        | 37.3        | 37.5    | 38.1      | 38.1      | 38.9      | 39.5       | 39.9      | 41.3    |  |
| GE 20000              | 25.6                        | 30.3    | 32.5    | 34.7    | 36.7    | 37.3        | 38.5    | 39.8        | 40.1        | 40.4    | 41.0      | 41.0      | 41.8      | 42.4       | 42.9      | 44.5    |  |
| GE 18000              | 25.9                        | 30.6    | 32.8    | 35.4    | 37.3    | 38.0        | 39.1    | 40.4        | 40.8        | 41.1    | 41.6      | 41.6      | 42.5      | 43.0       | 43.5      | 45.2    |  |
| GE 16000              | 26.0                        | 31.0    | 33.1    | 35.8    | 37.7    | 38.4        | 39.7    | 41.0        | 41.3        | 41.6    | 42.2      | 42.2      | 43.0      | 43.5       | 44.1      | 45.7    |  |
| GE 14000              | 26.6                        | 31.8    | 34.1    | 36.8    | 38.7    | 39.4        | 40.8    | 42.0        | 42.4        | 42.7    | 43.2      | 43.2      | 44.1      | 44.6       | 45.2      | 46.9    |  |
| GE 12000              | 27.4                        | 32.8    | 35.2    | 38.2    | 40.2    | 40.9        | 42.5    | 43.8        | 44.2        | 44.9    | 45.6      | 45.6      | 46.5      | 47.0       | 47.5      | 49.2    |  |
| GE 10000              | 28.4                        | 34.3    | 36.7    | 39.7    | 41.8    | 42.5        | 44.1    | 45.4        | 45.9        | 46.7    | 47.3      | 47.3      | 48.2      | 48.7       | 49.2      | 51.0    |  |
| GE 9000               | 28.5                        | 34.5    | 36.9    | 39.9    | 42.0    | 42.7        | 44.3    | 45.6        | 46.1        | 47.0    | 47.6      | 47.6      | 48.5      | 49.0       | 49.6      | 51.3    |  |
| GE 8000               | 29.6                        | 35.9    | 38.6    | 41.6    | 44.3    | 44.9        | 46.7    | 48.0        | 48.5        | 49.4    | 50.0      | 50.0      | 50.9      | 51.4       | 51.9      | 53.7    |  |
| GE 7000               | 30.8                        | 37.4    | 40.1    | 43.1    | 45.8    | 46.5        | 48.2    | 49.5        | 50.0        | 50.9    | 51.5      | 51.5      | 52.4      | 52.9       | 53.4      | 55.2    |  |
| GE 6000               | 31.2                        | 37.8    | 40.5    | 43.7    | 46.3    | 47.0        | 48.7    | 50.0        | 50.5        | 51.4    | 52.0      | 52.0      | 52.9      | 53.4       | 54.0      | 55.7    |  |
| GE 5000               | 31.7                        | 38.4    | 41.1    | 44.2    | 46.9    | 47.5        | 49.2    | 50.6        | 51.2        | 52.0    | 52.7      | 52.7      | 53.5      | 54.1       | 54.6      | 56.3    |  |
| GE 4500               | 32.0                        | 38.8    | 41.6    | 44.7    | 47.4    | 48.1        | 49.8    | 51.2        | 51.7        | 52.6    | 53.2      | 53.2      | 54.1      | 54.6       | 55.2      | 56.9    |  |
| GE 4000               | 33.5                        | 41.1    | 44.1    | 47.6    | 50.3    | 51.0        | 52.7    | 54.4        | 54.9        | 55.9    | 56.6      | 56.6      | 57.4      | 58.0       | 58.6      | 60.3    |  |
| GE 3500               | 33.9                        | 41.6    | 44.6    | 48.2    | 51.0    | 51.8        | 53.5    | 55.4        | 55.9        | 56.9    | 57.5      | 57.5      | 58.4      | 58.9       | 59.6      | 61.3    |  |
| GE 3000               | 35.5                        | 44.4    | 47.6    | 51.4    | 54.5    | 55.4        | 57.2    | 59.1        | 59.8        | 61.0    | 61.6      | 61.8      | 62.8      | 63.3       | 64.0      | 65.7    |  |
| GE 2500               | 35.8                        | 45.5    | 48.8    | 52.6    | 55.9    | 56.9        | 58.7    | 60.6        | 61.3        | 62.5    | 63.1      | 63.3      | 64.3      | 64.8       | 65.5      | 67.2    |  |
| GE 2000               | 36.3                        | 46.2    | 49.8    | 53.9    | 57.6    | 58.7        | 60.6    | 62.7        | 63.3        | 64.7    | 65.4      | 65.6      | 66.7      | 67.2       | 67.8      | 69.6    |  |
| GE 1800               | 36.3                        | 46.2    | 49.8    | 53.9    | 57.6    | 58.7        | 60.6    | 62.7        | 63.3        | 64.7    | 65.7      | 65.9      | 67.0      | 67.5       | 68.2      | 69.9    |  |
| GE 1500               | 36.5                        | 46.5    | 50.2    | 54.6    | 58.7    | 59.9        | 61.9    | 64.1        | 64.7        | 66.1    | 67.1      | 67.3      | 68.4      | 68.9       | 69.6      | 71.3    |  |
| GE 1200               | 36.6                        | 46.6    | 50.4    | 54.8    | 59.1    | 60.3        | 62.6    | 64.8        | 65.5        | 66.9    | 67.8      | 68.1      | 69.1      | 69.7       | 70.3      | 72.0    |  |
| GE 1000               | 36.7                        | 47.1    | 51.2    | 56.2    | 60.9    | 62.0        | 65.1    | 67.5        | 68.2        | 69.9    | 70.9      | 71.1      | 72.2      | 72.7       | 73.4      | 75.2    |  |
| GE 900                | 36.7                        | 47.1    | 51.2    | 56.3    | 61.0    | 62.2        | 65.3    | 68.1        | 68.8        | 70.6    | 71.6      | 71.8      | 72.9      | 73.4       | 74.2      | 75.9    |  |
| GE 800                | 36.8                        | 47.2    | 51.3    | 56.5    | 61.1    | 62.3        | 65.6    | 68.7        | 69.5        | 71.3    | 72.3      | 72.5      | 73.5      | 74.1       | 74.8      | 76.6    |  |
| GE 700                | 36.8                        | 47.2    | 51.3    | 56.5    | 61.4    | 62.6        | 66.2    | 69.6        | 70.3        | 72.2    | 73.1      | 73.3      | 74.4      | 74.9       | 75.7      | 77.4    |  |
| GE 600                | 36.8                        | 47.2    | 51.4    | 56.6    | 61.5    | 62.7        | 66.6    | 70.3        | 71.1        | 72.9    | 73.9      | 74.2      | 75.4      | 75.9       | 76.7      | 78.4    |  |
| GE 500                | 36.8                        | 47.3    | 51.7    | 56.9    | 61.8    | 63.2        | 67.5    | 71.5        | 72.3        | 74.1    | 75.2      | 75.5      | 76.7      | 77.2       | 78.0      | 79.7    |  |
| GE 400                | 36.8                        | 47.3    | 51.8    | 57.0    | 62.2    | 63.5        | 68.6    | 73.3        | 74.2        | 76.0    | 77.4      | 77.8      | 79.0      | 79.6       | 80.3      | 82.2    |  |
| GE 300                | 36.8                        | 47.3    | 51.8    | 57.0    | 62.2    | 63.5        | 68.8    | 74.0        | 75.1        | 77.8    | 79.5      | 80.1      | 81.5      | 82.5       | 83.7      | 85.9    |  |
| GE 200                | 36.8                        | 47.3    | 51.8    | 57.0    | 62.2    | 63.5        | 68.8    | 74.0        | 75.2        | 78.2    | 80.1      | 81.0      | 83.3      | 84.9       | 87.0      | 93.7    |  |
| GE 100                | 36.8                        | 47.3    | 51.8    | 57.0    | 62.2    | 63.5        | 68.8    | 74.0        | 75.2        | 78.2    | 80.1      | 81.2      | 83.7      | 85.4       | 88.0      | 99.0    |  |
| GE 0                  | 36.8                        | 47.3    | 51.8    | 57.0    | 62.2    | 63.5        | 68.8    | 74.0        | 75.2        | 78.2    | 80.1      | 81.2      | 83.7      | 85.4       | 88.1      | 100.0   |  |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0900-1100

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 27.4                        | 31.5     | 32.9    | 34.5    | 36.5    | 37.0    | 37.6        | 38.2    | 38.2        | 38.4        | 38.6    | 38.6      | 39.0      | 39.1      | 39.6       | 40.5      |         |
| GE 7000               | 29.2                        | 33.9     | 35.6    | 37.2    | 39.5    | 40.2    | 40.9        | 41.5    | 41.6        | 41.9        | 42.2    | 42.3      | 42.7      | 42.9      | 43.3       | 44.4      |         |
| GE 1800               | 29.4                        | 34.1     | 35.8    | 37.4    | 39.7    | 40.4    | 41.2        | 41.8    | 41.9        | 42.4        | 42.6    | 42.7      | 43.1      | 43.3      | 43.8       | 44.8      |         |
| GE 1600               | 29.7                        | 34.6     | 36.3    | 38.0    | 40.2    | 41.0    | 41.7        | 42.4    | 42.6        | 43.0        | 43.2    | 43.3      | 43.8      | 44.0      | 44.4       | 45.5      |         |
| GE 1400               | 29.7                        | 34.6     | 36.3    | 38.0    | 40.2    | 41.1    | 41.8        | 42.5    | 42.7        | 43.1        | 43.4    | 43.5      | 44.0      | 44.3      | 44.7       | 45.8      |         |
| GE 1200               | 30.3                        | 35.4     | 37.2    | 38.8    | 41.1    | 41.9    | 42.7        | 43.7    | 44.0        | 44.5        | 44.8    | 45.1      | 45.5      | 45.8      | 46.2       | 47.3      |         |
| GE 1000               | 32.2                        | 37.6     | 39.6    | 41.2    | 43.4    | 44.3    | 45.2        | 46.1    | 46.5        | 47.0        | 47.3    | 47.5      | 48.0      | 48.3      | 48.7       | 49.8      |         |
| GE 900                | 32.2                        | 37.6     | 39.6    | 41.2    | 43.4    | 44.3    | 45.2        | 46.1    | 46.5        | 47.0        | 47.4    | 47.6      | 48.1      | 48.4      | 48.8       | 49.9      |         |
| GE 800                | 33.2                        | 39.1     | 41.4    | 43.1    | 45.4    | 46.2    | 47.4        | 48.8    | 49.1        | 49.7        | 50.1    | 50.3      | 50.8      | 51.1      | 51.5       | 52.6      |         |
| GE 700                | 33.9                        | 40.1     | 42.5    | 44.3    | 46.6    | 47.4    | 48.6        | 50.0    | 50.3        | 50.9        | 51.3    | 51.5      | 51.9      | 52.3      | 52.7       | 53.8      |         |
| GE 600                | 33.9                        | 40.2     | 42.6    | 44.4    | 46.8    | 47.6    | 49.0        | 50.4    | 50.8        | 51.3        | 51.7    | 51.9      | 52.6      | 52.9      | 53.3       | 54.4      |         |
| GE 500                | 34.7                        | 41.1     | 43.4    | 45.4    | 47.7    | 48.6    | 50.2        | 51.7    | 52.0        | 52.6        | 53.0    | 53.3      | 54.0      | 54.3      | 54.7       | 55.8      |         |
| GE 450                | 34.8                        | 41.2     | 43.5    | 45.6    | 48.2    | 49.0    | 50.6        | 52.2    | 52.5        | 53.0        | 53.4    | 53.8      | 54.4      | 54.7      | 55.2       | 56.2      |         |
| GE 400                | 36.5                        | 43.8     | 46.2    | 48.4    | 51.3    | 52.3    | 54.0        | 55.5    | 55.8        | 56.5        | 57.0    | 57.3      | 58.0      | 58.3      | 58.7       | 59.8      |         |
| GE 350                | 37.0                        | 44.6     | 47.3    | 49.5    | 52.4    | 53.3    | 55.1        | 56.6    | 56.9        | 57.5        | 58.1    | 58.4      | 59.0      | 59.4      | 59.8       | 60.9      |         |
| GE 300                | 37.4                        | 45.9     | 48.7    | 51.7    | 54.7    | 55.7    | 57.5        | 59.1    | 59.6        | 60.5        | 61.4    | 61.7      | 62.4      | 62.7      | 63.1       | 64.2      |         |
| GE 250                | 37.6                        | 46.6     | 49.4    | 52.5    | 55.6    | 56.6    | 58.4        | 60.0    | 60.4        | 61.4        | 62.3    | 62.6      | 63.2      | 63.5      | 64.0       | 65.1      |         |
| GE 200                | 37.6                        | 47.4     | 50.4    | 53.9    | 58.1    | 59.1    | 61.2        | 62.9    | 63.3        | 64.5        | 65.5    | 65.8      | 66.5      | 66.8      | 67.2       | 68.3      |         |
| GE 180                | 37.6                        | 47.4     | 50.4    | 54.0    | 58.2    | 59.2    | 61.3        | 63.1    | 63.5        | 64.7        | 65.7    | 66.0      | 66.7      | 67.0      | 67.4       | 68.5      |         |
| GE 150                | 37.7                        | 47.6     | 50.6    | 54.3    | 58.8    | 59.9    | 62.0        | 63.9    | 64.3        | 65.7        | 66.9    | 67.2      | 67.8      | 68.2      | 68.6       | 69.7      |         |
| GE 120                | 37.7                        | 47.6     | 51.0    | 54.7    | 59.6    | 60.6    | 63.0        | 64.8    | 65.3        | 66.8        | 68.1    | 68.4      | 69.0      | 69.4      | 69.8       | 70.9      |         |
| GE 100                | 37.7                        | 47.8     | 51.2    | 55.4    | 61.0    | 62.2    | 65.4        | 67.4    | 68.1        | 69.9        | 71.2    | 71.5      | 72.2      | 72.5      | 72.9       | 74.0      |         |
| GE 90                 | 37.7                        | 47.8     | 51.3    | 55.5    | 61.2    | 62.4    | 65.8        | 68.2    | 68.8        | 70.8        | 72.0    | 72.4      | 73.0      | 73.3      | 73.8       | 74.8      |         |
| GE 80                 | 37.7                        | 48.0     | 51.6    | 55.9    | 61.7    | 63.1    | 66.6        | 69.0    | 69.7        | 71.7        | 73.0    | 73.3      | 74.0      | 74.3      | 74.7       | 75.8      |         |
| GE 70                 | 37.7                        | 48.1     | 51.7    | 56.0    | 61.8    | 63.3    | 66.8        | 69.5    | 70.1        | 72.3        | 73.5    | 73.9      | 74.5      | 74.8      | 75.3       | 76.3      |         |
| GE 60                 | 37.7                        | 48.3     | 51.9    | 56.2    | 62.3    | 63.9    | 67.6        | 70.6    | 71.4        | 73.8        | 75.1    | 75.4      | 76.0      | 76.3      | 76.8       | 77.8      |         |
| GE 50                 | 37.7                        | 48.3     | 51.9    | 56.3    | 63.1    | 64.7    | 68.7        | 72.5    | 73.5        | 76.5        | 77.8    | 78.3      | 78.9      | 79.2      | 79.7       | 80.8      |         |
| GE 40                 | 37.7                        | 48.3     | 51.9    | 56.5    | 63.2    | 64.9    | 69.0        | 73.3    | 74.4        | 78.2        | 79.7    | 80.1      | 80.9      | 81.2      | 81.7       | 82.8      |         |
| GE 30                 | 37.7                        | 48.3     | 51.9    | 56.5    | 63.2    | 65.1    | 69.4        | 74.1    | 75.4        | 80.6        | 82.7    | 83.1      | 84.2      | 84.5      | 85.1       | 86.2      |         |
| GE 20                 | 37.7                        | 48.3     | 51.9    | 56.5    | 63.2    | 65.1    | 69.4        | 74.2    | 75.5        | 81.3        | 84.2    | 84.7      | 86.1      | 86.3      | 87.0       | 88.1      |         |
| GE 10                 | 37.7                        | 48.3     | 51.9    | 56.5    | 63.2    | 65.1    | 69.4        | 74.3    | 75.6        | 81.4        | 84.3    | 84.8      | 86.3      | 86.5      | 87.5       | 88.6      |         |
| GE 0                  | 37.7                        | 48.3     | 51.9    | 56.5    | 63.2    | 65.1    | 69.4        | 74.3    | 75.6        | 81.4        | 84.3    | 84.8      | 86.3      | 86.5      | 87.5       | 88.6      |         |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1200-1400

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 30.2                        | 35.8    | 37.5    | 38.7    | 40.4    | 41.5        | 42.3    | 43.0        | 43.0        | 43.2    | 43.2      | 43.2      | 43.3      | 43.3       | 43.5      | 43.5    |
| GE 20000              | 32.3                        | 38.7    | 40.9    | 42.2    | 44.4    | 45.5        | 46.6    | 47.4        | 47.4        | 47.7    | 47.8      | 47.8      | 48.0      | 48.0       | 48.2      | 48.2    |
| GE 18000              | 32.7                        | 39.5    | 41.6    | 42.9    | 45.3    | 46.3        | 47.4    | 48.3        | 48.3        | 48.6    | 48.7      | 48.7      | 48.8      | 48.8       | 49.0      | 49.0    |
| GE 16000              | 33.3                        | 40.3    | 42.6    | 43.9    | 46.2    | 47.3        | 48.4    | 49.2        | 49.2        | 49.6    | 49.7      | 49.7      | 49.8      | 49.8       | 50.0      | 50.0    |
| GE 14000              | 33.3                        | 40.3    | 42.7    | 44.0    | 46.5    | 47.5        | 48.6    | 49.5        | 49.5        | 49.8    | 49.9      | 49.9      | 50.0      | 50.0       | 50.2      | 50.2    |
| GE 12000              | 34.4                        | 41.5    | 43.9    | 45.2    | 47.6    | 48.7        | 49.8    | 50.6        | 50.6        | 51.1    | 51.2      | 51.2      | 51.3      | 51.3       | 51.5      | 51.5    |
| GE 10000              | 36.6                        | 44.3    | 46.8    | 48.2    | 50.6    | 51.7        | 53.0    | 53.9        | 53.9        | 54.3    | 54.4      | 54.4      | 54.5      | 54.5       | 54.7      | 54.7    |
| GE 9000               | 36.7                        | 44.5    | 47.0    | 48.4    | 50.9    | 51.9        | 53.2    | 54.1        | 54.1        | 54.5    | 54.6      | 54.6      | 54.7      | 54.7       | 54.9      | 54.9    |
| GE 8000               | 38.4                        | 46.6    | 49.9    | 51.3    | 53.9    | 55.2        | 56.5    | 57.3        | 57.3        | 57.7    | 57.8      | 57.8      | 58.0      | 58.0       | 58.2      | 58.2    |
| GE 7000               | 38.9                        | 47.2    | 50.5    | 51.9    | 54.5    | 55.8        | 57.1    | 58.0        | 58.0        | 58.4    | 58.5      | 58.5      | 58.6      | 58.6       | 58.8      | 58.8    |
| GE 6000               | 39.1                        | 47.7    | 51.4    | 52.8    | 55.6    | 56.9        | 58.2    | 59.0        | 59.0        | 59.6    | 59.8      | 59.8      | 60.0      | 60.0       | 60.2      | 60.2    |
| GE 5000               | 39.2                        | 48.5    | 52.3    | 54.0    | 56.8    | 58.2        | 59.6    | 60.5        | 60.5        | 61.2    | 61.4      | 61.4      | 61.7      | 61.7       | 61.9      | 61.9    |
| GE 4500               | 39.5                        | 48.7    | 52.5    | 54.2    | 57.0    | 58.4        | 59.8    | 60.8        | 60.8        | 61.4    | 61.6      | 61.6      | 61.9      | 61.9       | 62.2      | 62.2    |
| GE 4000               | 40.3                        | 50.0    | 54.0    | 55.8    | 59.0    | 60.4        | 61.9    | 63.0        | 63.0        | 63.7    | 63.9      | 63.9      | 64.2      | 64.2       | 64.4      | 64.4    |
| GE 3500               | 40.9                        | 50.9    | 55.2    | 57.3    | 60.6    | 62.0        | 63.5    | 64.6        | 64.6        | 65.3    | 65.5      | 65.5      | 65.8      | 65.8       | 66.0      | 66.0    |
| GE 3000               | 43.2                        | 54.0    | 58.7    | 61.4    | 64.9    | 66.7        | 68.3    | 69.4        | 69.4        | 70.2    | 70.4      | 70.4      | 70.8      | 70.8       | 71.0      | 71.0    |
| GE 2500               | 43.3                        | 54.4    | 59.1    | 62.0    | 65.9    | 67.6        | 69.2    | 70.3        | 70.3        | 71.2    | 71.4      | 71.4      | 71.7      | 71.7       | 71.9      | 71.9    |
| GE 2000               | 44.0                        | 55.6    | 60.5    | 63.4    | 67.4    | 69.1        | 70.8    | 72.0        | 72.0        | 73.0    | 73.2      | 73.3      | 73.7      | 73.7       | 73.9      | 73.9    |
| GE 1800               | 44.0                        | 55.6    | 60.5    | 63.4    | 67.5    | 69.2        | 70.9    | 72.2        | 72.2        | 73.1    | 73.3      | 73.4      | 73.8      | 73.8       | 74.0      | 74.0    |
| GE 1500               | 44.1                        | 56.1    | 61.4    | 64.5    | 68.9    | 70.6        | 72.3    | 73.7        | 73.8        | 74.8    | 75.1      | 75.2      | 75.5      | 75.5       | 75.7      | 75.7    |
| GE 1200               | 44.2                        | 56.6    | 62.3    | 65.7    | 70.1    | 71.8        | 73.4    | 74.8        | 74.9        | 76.0    | 76.2      | 76.3      | 76.7      | 76.7       | 76.9      | 76.9    |
| GE 1000               | 44.6                        | 57.6    | 63.8    | 67.3    | 71.9    | 73.7        | 75.3    | 76.9        | 77.0        | 78.1    | 78.3      | 78.4      | 78.7      | 78.7       | 78.9      | 78.9    |
| GE 900                | 44.6                        | 57.7    | 63.9    | 67.6    | 72.3    | 74.0        | 75.8    | 77.4        | 77.7        | 78.8    | 79.0      | 79.1      | 79.5      | 79.5       | 79.7      | 79.7    |
| GE 800                | 44.7                        | 58.0    | 64.2    | 68.1    | 72.9    | 74.9        | 77.2    | 79.1        | 79.5        | 80.8    | 81.1      | 81.2      | 81.5      | 81.5       | 81.7      | 81.7    |
| GE 700                | 44.7                        | 58.4    | 64.7    | 69.1    | 74.1    | 76.1        | 78.4    | 80.5        | 80.9        | 82.2    | 82.7      | 82.8      | 83.1      | 83.1       | 83.3      | 83.3    |
| GE 600                | 44.7                        | 58.4    | 64.9    | 69.6    | 74.6    | 76.8        | 79.7    | 81.9        | 82.3        | 83.5    | 84.2      | 84.3      | 84.8      | 84.8       | 85.1      | 85.1    |
| GE 500                | 44.7                        | 58.5    | 65.2    | 70.0    | 75.4    | 77.6        | 81.3    | 84.6        | 85.4        | 87.1    | 87.8      | 88.1      | 88.7      | 88.7       | 88.9      | 88.9    |
| GE 400                | 44.7                        | 58.5    | 65.2    | 70.1    | 75.7    | 78.1        | 82.2    | 86.8        | 88.1        | 90.5    | 91.6      | 91.8      | 92.7      | 92.7       | 92.9      | 92.9    |
| GE 300                | 44.7                        | 58.5    | 65.2    | 70.1    | 75.7    | 78.3        | 82.7    | 88.2        | 89.5        | 92.7    | 94.2      | 94.4      | 96.0      | 96.2       | 96.7      | 96.8    |
| GE 200                | 44.7                        | 58.5    | 65.2    | 70.1    | 75.7    | 78.3        | 82.7    | 88.3        | 89.6        | 93.1    | 94.8      | 95.6      | 97.4      | 98.0       | 99.0      | 99.8    |
| GE 100                | 44.7                        | 58.5    | 65.2    | 70.1    | 75.7    | 78.3        | 82.7    | 88.3        | 89.6        | 93.1    | 94.8      | 95.6      | 97.4      | 98.0       | 99.0      | 100.0   |
| GE 0                  | 44.7                        | 58.5    | 65.2    | 70.1    | 75.7    | 78.3        | 82.7    | 88.3        | 89.6        | 93.1    | 94.8      | 95.6      | 97.4      | 98.0       | 99.0      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(LST): 1500-1700

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 33.2                        | 39.0     | 40.9    | 42.3    | 44.3    | 45.1    | 45.5        | 46.1    | 46.1        | 46.2        | 46.3    | 46.3      | 46.3      | 46.3      | 46.5       | 46.5      | 46.6    |
| GE 20000              | 36.0                        | 42.3     | 44.5    | 46.3    | 48.8    | 49.9    | 50.6        | 51.3    | 51.3        | 51.4        | 51.6    | 51.6      | 51.6      | 51.6      | 51.7       | 51.7      | 51.8    |
| GE 18000              | 36.5                        | 43.0     | 45.3    | 47.2    | 49.7    | 50.8    | 51.5        | 52.2    | 52.2        | 52.3        | 52.5    | 52.5      | 52.5      | 52.5      | 52.6       | 52.6      | 52.7    |
| GE 16000              | 37.1                        | 44.0     | 46.2    | 48.2    | 50.6    | 51.7    | 52.5        | 53.1    | 53.1        | 53.2        | 53.4    | 53.4      | 53.4      | 53.4      | 53.5       | 53.5      | 53.7    |
| GE 14000              | 37.5                        | 44.5     | 46.8    | 48.9    | 51.5    | 52.6    | 53.3        | 54.0    | 54.0        | 54.1        | 54.3    | 54.3      | 54.3      | 54.3      | 54.4       | 54.4      | 54.5    |
| GE 12000              | 38.1                        | 45.5     | 47.7    | 50.1    | 52.8    | 53.9    | 54.6        | 55.6    | 55.6        | 55.7        | 55.9    | 55.9      | 55.9      | 55.9      | 56.0       | 56.0      | 56.1    |
| GE 10000              | 40.0                        | 48.0     | 50.4    | 52.8    | 55.5    | 56.6    | 57.3        | 58.3    | 58.3        | 58.4        | 58.6    | 58.6      | 58.6      | 58.6      | 58.7       | 58.7      | 58.8    |
| GE 9000               | 40.0                        | 48.0     | 50.5    | 52.9    | 55.6    | 56.7    | 57.4        | 58.4    | 58.4        | 58.5        | 58.7    | 58.7      | 58.7      | 58.7      | 58.8       | 58.8      | 58.9    |
| GE 8000               | 41.5                        | 50.4     | 53.1    | 55.6    | 58.6    | 59.8    | 60.9        | 61.8    | 61.8        | 61.9        | 62.2    | 62.2      | 62.2      | 62.2      | 62.3       | 62.3      | 62.4    |
| GE 7000               | 42.3                        | 51.2     | 54.0    | 56.5    | 59.5    | 60.6    | 61.7        | 62.7    | 62.7        | 62.8        | 63.0    | 63.0      | 63.0      | 63.0      | 63.1       | 63.1      | 63.2    |
| GE 6000               | 42.9                        | 51.9     | 54.8    | 57.3    | 60.4    | 61.6    | 62.7        | 63.9    | 63.9        | 64.2        | 64.4    | 64.4      | 64.4      | 64.4      | 64.5       | 64.5      | 64.6    |
| GE 5000               | 43.3                        | 52.7     | 55.9    | 58.4    | 61.5    | 62.7    | 63.8        | 64.9    | 64.9        | 65.3        | 65.5    | 65.5      | 65.5      | 65.5      | 65.6       | 65.6      | 65.7    |
| GE 4500               | 43.3                        | 52.7     | 55.9    | 58.5    | 61.6    | 62.8    | 63.9        | 65.1    | 65.1        | 65.4        | 65.6    | 65.6      | 65.6      | 65.6      | 65.7       | 65.7      | 65.8    |
| GE 4000               | 44.9                        | 54.7     | 58.1    | 61.2    | 64.6    | 65.8    | 66.9        | 68.4    | 68.5        | 68.8        | 69.0    | 69.0      | 69.0      | 69.0      | 69.1       | 69.1      | 69.2    |
| GE 3500               | 45.6                        | 55.8     | 59.4    | 62.8    | 66.2    | 67.4    | 68.5        | 70.0    | 70.1        | 70.4        | 70.6    | 70.6      | 70.6      | 70.6      | 70.8       | 70.8      | 70.9    |
| GE 3000               | 47.7                        | 59.5     | 63.2    | 67.0    | 70.8    | 72.0    | 73.2        | 74.7    | 74.8        | 75.3        | 75.5    | 75.5      | 75.5      | 75.5      | 75.6       | 75.6      | 75.7    |
| GE 2500               | 48.3                        | 60.3     | 64.1    | 68.4    | 72.3    | 73.5    | 74.7        | 76.2    | 76.3        | 76.8        | 77.0    | 77.0      | 77.0      | 77.0      | 77.1       | 77.1      | 77.2    |
| GE 2000               | 48.9                        | 61.0     | 64.7    | 69.0    | 73.0    | 74.4    | 75.6        | 77.2    | 77.4        | 77.8        | 78.1    | 78.1      | 78.1      | 78.1      | 78.2       | 78.2      | 78.3    |
| GE 1800               | 48.9                        | 61.0     | 64.7    | 69.1    | 73.1    | 74.5    | 75.8        | 77.4    | 77.6        | 78.1        | 78.3    | 78.3      | 78.3      | 78.3      | 78.4       | 78.4      | 78.5    |
| GE 1500               | 49.0                        | 61.2     | 65.5    | 70.1    | 74.2    | 75.6    | 77.1        | 78.8    | 79.0        | 79.5        | 79.7    | 79.7      | 79.7      | 79.7      | 79.8       | 79.8      | 79.9    |
| GE 1200               | 49.4                        | 61.9     | 66.6    | 71.5    | 75.8    | 77.2    | 79.1        | 81.0    | 81.2        | 81.6        | 81.8    | 81.8      | 81.8      | 81.8      | 81.9       | 81.9      | 82.0    |
| GE 1000               | 49.6                        | 62.9     | 68.0    | 73.7    | 78.7    | 80.2    | 82.5        | 84.6    | 85.2        | 85.7        | 85.9    | 85.9      | 85.9      | 85.9      | 86.0       | 86.0      | 86.1    |
| GE 900                | 49.6                        | 62.9     | 68.1    | 73.8    | 79.0    | 80.5    | 82.8        | 85.1    | 85.6        | 86.1        | 86.3    | 86.3      | 86.3      | 86.3      | 86.5       | 86.5      | 86.6    |
| GE 800                | 49.6                        | 62.9     | 68.2    | 74.0    | 79.2    | 81.0    | 83.4        | 86.0    | 86.6        | 87.2        | 87.4    | 87.4      | 87.4      | 87.4      | 87.5       | 87.5      | 87.6    |
| GE 700                | 49.6                        | 63.0     | 68.4    | 74.3    | 79.7    | 81.5    | 84.0        | 87.1    | 87.7        | 88.4        | 88.6    | 88.6      | 88.6      | 88.6      | 88.7       | 88.7      | 88.8    |
| GE 600                | 49.6                        | 63.3     | 68.7    | 74.6    | 80.2    | 82.0    | 85.3        | 88.5    | 89.1        | 89.9        | 90.1    | 90.2      | 90.2      | 90.2      | 90.3       | 90.3      | 90.4    |
| GE 500                | 49.6                        | 63.3     | 68.7    | 74.6    | 81.0    | 82.9    | 86.7        | 90.5    | 91.5        | 92.3        | 92.6    | 92.8      | 92.9      | 93.0      | 93.0       | 93.0      | 93.1    |
| GE 400                | 49.6                        | 63.4     | 68.8    | 74.7    | 81.2    | 83.4    | 87.5        | 92.0    | 93.0        | 93.9        | 94.2    | 94.4      | 94.5      | 94.6      | 94.6       | 94.6      | 94.7    |
| GE 300                | 49.6                        | 63.4     | 68.8    | 74.7    | 81.3    | 83.7    | 88.0        | 92.9    | 94.0        | 95.4        | 95.7    | 96.0      | 96.3      | 96.7      | 96.9       | 96.9      | 97.0    |
| GE 200                | 49.6                        | 63.4     | 68.8    | 74.7    | 81.3    | 83.7    | 88.0        | 93.1    | 94.3        | 95.9        | 96.8    | 97.1      | 98.2      | 98.5      | 99.1       | 99.9      | 99.9    |
| GE 100                | 49.6                        | 63.4     | 68.8    | 74.7    | 81.3    | 83.7    | 88.0        | 93.1    | 94.3        | 95.9        | 96.8    | 97.1      | 98.2      | 98.5      | 99.1       | 99.9      | 99.9    |
| GE 0                  | 49.6                        | 63.4     | 68.8    | 74.7    | 81.3    | 83.7    | 88.0        | 93.1    | 94.3        | 95.9        | 96.8    | 97.1      | 98.2      | 98.5      | 99.2       | 100.0     | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 1800-2000

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 35.2                        | 40.9     | 43.0    | 45.1    | 46.5    | 47.2    | 47.8        | 48.3    | 48.3        | 48.6        | 48.6    | 48.7      | 48.9      | 48.9      | 48.9       | 48.9      | 48.9    |
| GE 20000              | 37.0                        | 43.1     | 45.9    | 48.5    | 50.2    | 51.0    | 52.0        | 52.5    | 52.5        | 52.8        | 52.8    | 52.9      | 53.1      | 53.1      | 53.1       | 53.1      | 53.1    |
| GE 18000              | 37.5                        | 43.7     | 46.5    | 49.1    | 50.9    | 51.6    | 52.7        | 53.1    | 53.1        | 53.4        | 53.4    | 53.5      | 53.8      | 53.8      | 53.8       | 53.8      | 53.8    |
| GE 16000              | 37.7                        | 43.9     | 46.7    | 49.4    | 51.1    | 51.8    | 52.9        | 53.3    | 53.3        | 53.7        | 53.7    | 53.8      | 54.0      | 54.0      | 54.0       | 54.0      | 54.0    |
| GE 14000              | 38.3                        | 44.7     | 48.0    | 50.8    | 53.1    | 53.9    | 54.9        | 55.4    | 55.4        | 55.7        | 55.7    | 55.8      | 56.0      | 56.0      | 56.0       | 56.0      | 56.0    |
| GE 12000              | 38.8                        | 45.5     | 49.0    | 51.9    | 54.4    | 55.2    | 56.2        | 56.8    | 56.8        | 57.1        | 57.2    | 57.3      | 57.5      | 57.5      | 57.5       | 57.5      | 57.5    |
| GE 10000              | 40.6                        | 47.6     | 51.2    | 54.2    | 56.7    | 57.4    | 58.9        | 59.5    | 59.5        | 59.8        | 59.9    | 60.0      | 60.2      | 60.2      | 60.2       | 60.2      | 60.2    |
| GE 9000               | 40.6                        | 47.6     | 51.2    | 54.2    | 56.7    | 57.4    | 58.9        | 59.7    | 59.7        | 60.0        | 60.0    | 60.1      | 60.2      | 60.4      | 60.4       | 60.4      | 60.4    |
| GE 8000               | 41.6                        | 49.6     | 53.5    | 56.6    | 59.5    | 60.3    | 61.8        | 62.7    | 62.7        | 63.0        | 63.1    | 63.2      | 63.4      | 63.4      | 63.4       | 63.4      | 63.4    |
| GE 7000               | 42.5                        | 50.4     | 54.4    | 57.4    | 60.3    | 61.2    | 62.7        | 63.5    | 63.5        | 63.9        | 64.0    | 64.1      | 64.3      | 64.3      | 64.3       | 64.3      | 64.3    |
| GE 6000               | 43.1                        | 51.3     | 55.6    | 58.6    | 61.5    | 62.4    | 63.9        | 65.1    | 65.1        | 65.4        | 65.5    | 65.6      | 65.8      | 65.8      | 65.8       | 65.8      | 65.8    |
| GE 5000               | 43.4                        | 51.6     | 56.2    | 59.2    | 62.2    | 63.0    | 64.5        | 65.7    | 65.7        | 66.0        | 66.1    | 66.2      | 66.5      | 66.5      | 66.5       | 66.5      | 66.5    |
| GE 4500               | 43.4                        | 51.7     | 56.3    | 59.4    | 62.3    | 63.1    | 64.6        | 65.8    | 65.8        | 66.1        | 66.2    | 66.3      | 66.6      | 66.6      | 66.6       | 66.6      | 66.6    |
| GE 4000               | 44.8                        | 53.7     | 59.0    | 62.0    | 65.5    | 66.3    | 68.1        | 69.2    | 69.2        | 69.9        | 70.0    | 70.1      | 70.3      | 70.3      | 70.3       | 70.3      | 70.3    |
| GE 3500               | 45.4                        | 54.3     | 59.8    | 63.0    | 66.8    | 67.6    | 69.4        | 70.5    | 70.5        | 71.2        | 71.3    | 71.4      | 71.6      | 71.6      | 71.6       | 71.6      | 71.6    |
| GE 3000               | 46.0                        | 55.4     | 61.2    | 65.2    | 69.4    | 70.3    | 72.2        | 73.4    | 73.4        | 74.1        | 74.2    | 74.3      | 74.5      | 74.5      | 74.5       | 74.5      | 74.5    |
| GE 2500               | 46.5                        | 56.0     | 62.0    | 66.2    | 70.6    | 71.6    | 73.4        | 74.7    | 74.7        | 75.4        | 75.5    | 75.6      | 75.8      | 75.8      | 75.8       | 75.8      | 75.8    |
| GE 2000               | 46.9                        | 56.6     | 62.7    | 67.0    | 71.4    | 72.4    | 74.5        | 75.8    | 75.8        | 76.5        | 76.6    | 76.7      | 76.9      | 76.9      | 76.9       | 76.9      | 76.9    |
| GE 1800               | 46.9                        | 56.6     | 62.9    | 67.2    | 71.6    | 72.6    | 74.9        | 76.2    | 76.2        | 76.9        | 77.0    | 77.1      | 77.3      | 77.3      | 77.3       | 77.3      | 77.3    |
| GE 1500               | 46.9                        | 56.6     | 63.0    | 67.4    | 71.8    | 72.8    | 75.3        | 76.6    | 76.6        | 77.2        | 77.3    | 77.4      | 77.6      | 77.6      | 77.6       | 77.6      | 77.6    |
| GE 1200               | 47.3                        | 57.2     | 64.0    | 69.0    | 74.0    | 74.9    | 77.7        | 79.2    | 79.2        | 79.9        | 80.0    | 80.1      | 80.3      | 80.3      | 80.3       | 80.3      | 80.3    |
| GE 1000               | 47.6                        | 58.2     | 64.9    | 71.3    | 77.4    | 78.6    | 81.6        | 83.3    | 83.3        | 84.0        | 84.1    | 84.2      | 84.4      | 84.4      | 84.4       | 84.4      | 84.4    |
| GE 900                | 47.6                        | 58.4     | 65.2    | 71.5    | 77.6    | 78.9    | 81.9        | 83.7    | 83.7        | 84.3        | 84.4    | 84.5      | 84.7      | 84.7      | 84.7       | 84.7      | 84.7    |
| GE 800                | 47.7                        | 58.7     | 65.5    | 71.9    | 78.3    | 79.6    | 82.6        | 84.5    | 84.5        | 85.2        | 85.3    | 85.4      | 85.6      | 85.6      | 85.6       | 85.6      | 85.6    |
| GE 700                | 47.7                        | 58.7     | 65.7    | 72.6    | 79.2    | 80.8    | 83.8        | 86.1    | 86.1        | 86.8        | 86.9    | 87.0      | 87.2      | 87.2      | 87.2       | 87.2      | 87.2    |
| GE 600                | 47.7                        | 58.8     | 65.9    | 72.8    | 79.6    | 81.2    | 84.8        | 87.3    | 87.3        | 88.0        | 88.3    | 88.4      | 88.6      | 88.6      | 88.6       | 88.6      | 88.6    |
| GE 500                | 47.7                        | 58.8     | 65.9    | 72.8    | 79.6    | 81.2    | 85.6        | 88.2    | 88.2        | 88.8        | 89.2    | 89.4      | 89.6      | 89.6      | 89.6       | 89.6      | 89.9    |
| GE 400                | 47.7                        | 58.9     | 66.0    | 72.9    | 79.7    | 81.3    | 86.0        | 88.8    | 88.8        | 89.6        | 90.1    | 90.3      | 90.8      | 90.8      | 90.8       | 90.8      | 91.2    |
| GE 300                | 47.7                        | 58.9     | 66.0    | 72.9    | 79.8    | 81.4    | 86.1        | 89.2    | 89.2        | 90.1        | 91.0    | 91.4      | 92.3      | 92.3      | 92.3       | 92.3      | 93.0    |
| GE 200                | 47.7                        | 58.9     | 66.0    | 72.9    | 79.9    | 81.5    | 86.3        | 89.7    | 89.7        | 90.8        | 92.2    | 92.6      | 93.9      | 94.0      | 94.3       | 94.3      | 97.5    |
| GE 100                | 47.7                        | 58.9     | 66.0    | 72.9    | 79.9    | 81.5    | 86.3        | 89.7    | 89.7        | 90.8        | 92.2    | 92.6      | 94.2      | 94.4      | 94.8       | 94.8      | 99.4    |
| GE 0                  | 47.7                        | 58.9     | 66.0    | 72.9    | 79.9    | 81.5    | 86.3        | 89.7    | 89.7        | 90.8        | 92.2    | 92.6      | 94.2      | 94.4      | 94.8       | 94.8      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 2100-2300

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | 1<br>10                     | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 34.1                        | 39.6    | 41.8    | 45.5    | 47.2    | 47.5        | 48.8    | 49.6        | 49.7        | 50.4    | 50.4      | 50.4      | 50.4      | 50.4       | 50.5      | 50.8    |
| GE 20000              | 35.6                        | 41.6    | 44.5    | 48.7    | 50.8    | 51.2        | 52.8    | 53.8        | 54.2        | 54.9    | 55.1      | 55.1      | 55.1      | 55.1       | 55.2      | 55.4    |
| GE 18000              | 36.1                        | 42.2    | 45.1    | 49.2    | 51.3    | 51.7        | 53.3    | 54.3        | 54.8        | 55.6    | 55.7      | 55.7      | 55.7      | 55.7       | 55.8      | 56.0    |
| GE 16000              | 36.2                        | 42.3    | 45.2    | 49.4    | 51.4    | 51.8        | 53.4    | 54.4        | 54.9        | 55.7    | 55.8      | 55.8      | 55.8      | 55.8       | 55.9      | 56.1    |
| GE 14000              | 36.7                        | 42.8    | 46.0    | 50.2    | 52.5    | 52.9        | 54.7    | 55.7        | 56.2        | 57.0    | 57.1      | 57.1      | 57.1      | 57.1       | 57.2      | 57.5    |
| GE 12000              | 37.0                        | 43.1    | 46.3    | 50.5    | 52.8    | 53.2        | 55.4    | 56.3        | 56.9        | 57.6    | 57.7      | 57.7      | 57.7      | 57.7       | 57.8      | 58.2    |
| GE 10000              | 39.4                        | 45.2    | 48.4    | 52.6    | 54.8    | 55.3        | 57.6    | 58.6        | 59.1        | 59.9    | 60.0      | 60.0      | 60.0      | 60.0       | 60.1      | 60.4    |
| GE 9000               | 38.5                        | 45.3    | 48.5    | 52.7    | 54.9    | 55.4        | 57.7    | 58.7        | 59.5        | 60.3    | 60.4      | 60.4      | 60.4      | 60.4       | 60.5      | 60.9    |
| GE 8000               | 39.9                        | 47.1    | 50.6    | 55.1    | 57.3    | 57.7        | 60.1    | 61.1        | 61.8        | 62.7    | 62.8      | 62.8      | 62.8      | 62.8       | 62.9      | 63.2    |
| GE 7000               | 41.4                        | 48.6    | 52.2    | 56.6    | 58.8    | 59.2        | 61.6    | 62.6        | 63.3        | 64.2    | 64.3      | 64.3      | 64.3      | 64.3       | 64.4      | 64.7    |
| GE 6000               | 41.6                        | 48.9    | 52.6    | 57.0    | 59.5    | 59.9        | 62.3    | 63.2        | 64.0        | 64.8    | 64.9      | 64.9      | 64.9      | 64.9       | 65.1      | 65.4    |
| GE 5000               | 42.0                        | 49.4    | 53.0    | 57.4    | 59.9    | 60.3        | 62.7    | 63.7        | 64.4        | 65.3    | 65.4      | 65.4      | 65.4      | 65.4       | 65.5      | 65.8    |
| GE 4500               | 42.2                        | 49.5    | 53.2    | 57.7    | 60.4    | 60.9        | 63.2    | 64.2        | 64.9        | 65.8    | 65.9      | 65.9      | 65.9      | 65.9       | 66.0      | 66.3    |
| GE 4000               | 43.2                        | 51.1    | 55.4    | 60.1    | 63.2    | 63.7        | 66.1    | 67.2        | 68.0        | 68.8    | 68.9      | 68.9      | 68.9      | 68.9       | 69.0      | 69.4    |
| GE 3500               | 44.1                        | 52.0    | 56.6    | 61.3    | 64.5    | 64.9        | 67.4    | 68.5        | 69.2        | 70.1    | 70.2      | 70.2      | 70.2      | 70.2       | 70.3      | 70.6    |
| GE 3000               | 44.8                        | 53.2    | 58.6    | 63.4    | 67.1    | 67.5        | 70.0    | 71.1        | 71.9        | 72.8    | 72.9      | 72.9      | 72.9      | 72.9       | 73.0      | 73.3    |
| GE 2500               | 44.8                        | 53.3    | 58.9    | 63.8    | 67.4    | 67.8        | 70.3    | 71.4        | 72.3        | 73.1    | 73.2      | 73.2      | 73.2      | 73.2       | 73.3      | 73.7    |
| GE 2000               | 45.2                        | 53.9    | 59.7    | 64.7    | 68.9    | 69.4        | 71.8    | 72.9        | 73.8        | 74.6    | 74.7      | 74.7      | 74.7      | 74.7       | 74.9      | 75.3    |
| GE 1800               | 45.2                        | 53.9    | 59.7    | 64.7    | 68.9    | 69.4        | 71.9    | 73.0        | 73.9        | 74.7    | 74.8      | 74.8      | 74.8      | 74.8       | 75.1      | 75.4    |
| GE 1500               | 45.6                        | 54.3    | 60.1    | 65.4    | 69.8    | 70.2        | 73.2    | 74.3        | 75.2        | 76.0    | 76.1      | 76.1      | 76.1      | 76.1       | 76.3      | 76.7    |
| GE 1200               | 45.7                        | 54.5    | 60.5    | 66.0    | 70.4    | 71.0        | 74.5    | 75.6        | 76.5        | 77.3    | 77.4      | 77.4      | 77.4      | 77.4       | 77.6      | 78.0    |
| GE 1000               | 46.0                        | 55.4    | 61.6    | 67.6    | 72.6    | 73.1        | 77.0    | 78.4        | 79.4        | 80.2    | 80.3      | 80.3      | 80.3      | 80.3       | 80.5      | 80.9    |
| GE 900                | 46.0                        | 55.5    | 61.7    | 67.8    | 72.8    | 73.3        | 77.4    | 78.8        | 79.8        | 80.6    | 80.8      | 80.8      | 80.8      | 80.8       | 81.0      | 81.3    |
| GE 800                | 46.1                        | 55.9    | 62.3    | 68.5    | 73.9    | 74.5        | 79.0    | 80.4        | 81.4        | 82.3    | 82.4      | 82.4      | 82.4      | 82.4       | 82.6      | 82.9    |
| GE 700                | 46.1                        | 55.9    | 62.3    | 68.7    | 74.1    | 74.7        | 79.2    | 80.6        | 81.6        | 82.5    | 82.6      | 82.6      | 82.6      | 82.6       | 82.8      | 83.1    |
| GE 600                | 46.2                        | 56.0    | 62.4    | 68.9    | 74.3    | 75.2        | 80.2    | 81.6        | 82.6        | 83.4    | 83.5      | 83.7      | 83.7      | 83.7       | 83.9      | 84.5    |
| GE 500                | 46.2                        | 56.0    | 62.4    | 68.9    | 74.5    | 75.6        | 81.4    | 83.3        | 84.3        | 85.2    | 85.3      | 85.5      | 85.6      | 85.6       | 85.8      | 86.6    |
| GE 400                | 46.2                        | 56.0    | 62.4    | 68.9    | 74.5    | 75.8        | 82.2    | 84.5        | 85.5        | 86.5    | 86.6      | 86.8      | 87.0      | 87.2       | 87.4      | 88.2    |
| GE 300                | 46.3                        | 56.1    | 62.5    | 69.0    | 74.7    | 76.1        | 82.6    | 85.2        | 86.2        | 87.5    | 87.7      | 88.0      | 88.3      | 88.5       | 88.7      | 89.7    |
| GE 200                | 46.3                        | 56.1    | 62.5    | 69.0    | 74.7    | 76.1        | 82.8    | 85.4        | 86.7        | 88.4    | 88.8      | 89.1      | 89.7      | 90.1       | 91.3      | 94.8    |
| GE 100                | 46.3                        | 56.1    | 62.5    | 69.0    | 74.7    | 76.1        | 82.9    | 85.5        | 86.9        | 88.6    | 89.1      | 89.6      | 90.3      | 91.1       | 92.6      | 99.6    |
| GE 0                  | 46.3                        | 56.1    | 62.5    | 69.0    | 74.7    | 76.1        | 82.9    | 85.5        | 86.9        | 88.6    | 89.1      | 89.6      | 90.3      | 91.1       | 92.6      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>10                    | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 30.1                        | 35.5    | 37.4    | 39.3    | 41.3    | 41.9        | 42.8    | 43.5        | 43.6        | 43.9    | 44.1      | 44.2      | 44.5      | 44.6       | 44.8      | 45.5    |
| GE 20000              | 31.9                        | 37.9    | 40.1    | 42.4    | 44.6    | 45.3        | 46.4    | 47.2        | 47.4        | 47.7    | 48.0      | 48.1      | 48.4      | 48.5       | 48.8      | 49.5    |
| GE 18000              | 32.4                        | 38.5    | 40.5    | 43.0    | 45.3    | 46.0        | 47.1    | 47.9        | 48.1        | 48.5    | 48.8      | 48.9      | 49.2      | 49.3       | 49.5      | 50.2    |
| GE 16000              | 32.6                        | 38.9    | 41.1    | 43.4    | 45.7    | 46.4        | 47.6    | 48.4        | 48.6        | 49.0    | 49.3      | 49.4      | 49.7      | 49.8       | 50.0      | 50.7    |
| GE 14000              | 32.9                        | 39.3    | 41.7    | 44.1    | 46.5    | 47.2        | 48.4    | 49.2        | 49.5        | 49.9    | 50.2      | 50.3      | 50.5      | 50.7       | 50.9      | 51.7    |
| GE 12000              | 33.5                        | 40.0    | 42.5    | 45.0    | 47.4    | 48.2        | 49.5    | 50.4        | 50.7        | 51.2    | 51.5      | 51.7      | 51.9      | 52.1       | 52.3      | 53.1    |
| GE 10000              | 35.2                        | 42.3    | 44.8    | 47.3    | 49.8    | 50.6        | 52.0    | 52.9        | 53.2        | 53.7    | 54.1      | 54.2      | 54.5      | 54.6       | 54.9      | 55.6    |
| GE 9000               | 35.2                        | 42.3    | 44.9    | 47.4    | 49.9    | 50.6        | 52.1    | 53.1        | 53.4        | 54.0    | 54.3      | 54.4      | 54.7      | 54.9       | 55.1      | 55.8    |
| GE 8000               | 36.6                        | 44.3    | 47.2    | 49.9    | 52.6    | 53.4        | 54.9    | 56.0        | 56.3        | 56.9    | 57.2      | 57.4      | 57.6      | 57.8       | 58.0      | 58.8    |
| GE 7000               | 37.6                        | 45.4    | 48.4    | 51.0    | 53.8    | 54.5        | 56.1    | 57.2        | 57.5        | 58.1    | 58.4      | 58.5      | 58.8      | 59.0       | 59.2      | 59.9    |
| GE 6000               | 38.0                        | 45.9    | 49.0    | 51.6    | 54.5    | 55.2        | 56.8    | 58.0        | 58.3        | 58.9    | 59.3      | 59.4      | 59.7      | 59.9       | 60.1      | 60.9    |
| GE 5000               | 38.3                        | 46.4    | 49.6    | 52.3    | 55.1    | 55.9        | 57.6    | 58.8        | 59.1        | 59.8    | 60.2      | 60.3      | 60.6      | 60.8       | 61.0      | 61.7    |
| GE 4500               | 38.5                        | 46.6    | 49.9    | 52.6    | 55.5    | 56.3        | 58.0    | 59.2        | 59.5        | 60.1    | 60.5      | 60.7      | 61.0      | 61.1       | 61.4      | 62.1    |
| GE 4000               | 39.9                        | 48.7    | 52.3    | 55.3    | 58.5    | 59.3        | 61.1    | 62.4        | 62.7        | 63.5    | 63.9      | 64.0      | 64.4      | 64.5       | 64.8      | 65.5    |
| GE 3500               | 40.5                        | 49.5    | 53.3    | 56.4    | 59.6    | 60.5        | 62.3    | 63.6        | 64.0        | 64.7    | 65.1      | 65.3      | 65.6      | 65.7       | 66.0      | 66.7    |
| GE 3000               | 41.7                        | 51.6    | 55.7    | 59.3    | 62.8    | 63.7        | 65.6    | 67.0        | 67.4        | 68.2    | 68.7      | 68.9      | 69.2      | 69.4       | 69.7      | 70.4    |
| GE 2500               | 42.0                        | 52.3    | 56.5    | 60.2    | 63.9    | 64.8        | 66.8    | 68.1        | 68.5        | 69.4    | 69.9      | 70.0      | 70.4      | 70.5       | 70.8      | 71.5    |
| GE 2000               | 42.4                        | 53.0    | 57.3    | 61.2    | 65.3    | 66.3        | 68.3    | 69.8        | 70.2        | 71.1    | 71.7      | 71.8      | 72.2      | 72.3       | 72.7      | 73.4    |
| GE 1800               | 42.4                        | 53.0    | 57.4    | 61.3    | 65.4    | 66.4        | 68.5    | 70.0        | 70.3        | 71.3    | 71.9      | 72.1      | 72.4      | 72.6       | 72.9      | 73.6    |
| GE 1500               | 42.6                        | 53.3    | 57.9    | 62.0    | 66.3    | 67.4        | 69.6    | 71.1        | 71.5        | 72.5    | 73.1      | 73.3      | 73.7      | 73.8       | 74.1      | 74.9    |
| GE 1200               | 42.7                        | 53.6    | 58.4    | 62.8    | 67.4    | 68.5        | 71.0    | 72.6        | 73.0        | 74.0    | 74.6      | 74.8      | 75.2      | 75.3       | 75.6      | 76.3    |
| GE 1000               | 42.9                        | 54.3    | 59.3    | 64.2    | 69.4    | 70.5        | 73.5    | 75.2        | 75.7        | 76.8    | 77.5      | 77.6      | 78.0      | 78.1       | 78.5      | 79.2    |
| GE 900                | 42.9                        | 54.3    | 59.4    | 64.5    | 69.7    | 70.8        | 73.9    | 75.8        | 76.3        | 77.5    | 78.2      | 78.3      | 78.7      | 78.8       | 79.2      | 79.9    |
| GE 800                | 42.9                        | 54.5    | 59.6    | 64.8    | 70.2    | 71.5        | 74.8    | 76.9        | 77.4        | 78.6    | 79.3      | 79.5      | 79.8      | 80.0       | 80.3      | 81.0    |
| GE 700                | 42.9                        | 54.6    | 59.8    | 65.1    | 70.6    | 72.0        | 75.4    | 77.7        | 78.3        | 79.5    | 80.2      | 80.4      | 80.8      | 80.9       | 81.2      | 81.9    |
| GE 600                | 43.0                        | 54.7    | 59.9    | 65.3    | 71.0    | 72.5        | 76.4    | 78.8        | 79.4        | 80.7    | 81.5      | 81.7      | 82.1      | 82.3       | 82.6      | 83.4    |
| GE 500                | 43.0                        | 54.7    | 60.0    | 65.5    | 71.4    | 73.0        | 77.6    | 80.5        | 81.3        | 82.7    | 83.7      | 84.0      | 84.4      | 84.5       | 84.9      | 85.7    |
| GE 400                | 43.0                        | 54.7    | 60.1    | 65.6    | 71.6    | 73.4        | 78.3    | 81.9        | 82.7        | 84.4    | 85.5      | 85.9      | 86.4      | 86.6       | 87.0      | 87.9    |
| GE 300                | 43.0                        | 54.7    | 60.1    | 65.6    | 71.7    | 73.5        | 78.6    | 82.7        | 83.5        | 85.9    | 87.2      | 87.6      | 88.4      | 88.9       | 89.6      | 90.8    |
| GE 200                | 43.0                        | 54.7    | 60.1    | 65.6    | 71.7    | 73.6        | 78.7    | 82.9        | 83.9        | 86.5    | 88.3      | 88.8      | 90.1      | 90.9       | 92.4      | 96.2    |
| GE 100                | 43.0                        | 54.7    | 60.1    | 65.6    | 71.7    | 73.6        | 78.8    | 82.9        | 83.9        | 86.6    | 88.4      | 89.0      | 90.3      | 91.2       | 92.9      | 99.4    |
| GE 0                  | 43.0                        | 54.7    | 60.1    | 65.6    | 71.7    | 73.6        | 78.8    | 82.9        | 83.9        | 86.6    | 88.4      | 89.0      | 90.3      | 91.2       | 93.0      | 100.0   |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL HOURS(IST): ALL

| CEILING<br>IN<br>FEET | VISIBILITY IN STATUTE MILES |          |         |         |         |         |             |         |             |             |         |           |           |           |            |           |         |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
|                       | GE<br>1                     | GE<br>10 | 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>5/16 | GE<br>1/4 | GE<br>0 |
| NO CEIL               | 65.3                        | 68.4     | 69.3    | 69.9    | 70.4    | 70.5    | 70.7        | 70.9    | 70.9        | 71.0        | 71.1    | 71.1      | 71.2      | 71.2      | 71.2       | 71.2      | 71.4    |
| GE 20000              | 69.5                        | 73.0     | 73.9    | 74.6    | 75.2    | 75.4    | 75.6        | 75.8    | 75.9        | 76.0        | 76.0    | 76.1      | 76.1      | 76.2      | 76.2       | 76.2      | 76.4    |
| GE 18000              | 69.8                        | 73.3     | 74.3    | 75.0    | 75.6    | 75.8    | 76.0        | 76.2    | 76.3        | 76.4        | 76.4    | 76.5      | 76.5      | 76.6      | 76.6       | 76.7      | 76.8    |
| GE 16000              | 69.9                        | 73.4     | 74.5    | 75.1    | 75.8    | 75.9    | 76.2        | 76.4    | 76.4        | 76.5        | 76.6    | 76.6      | 76.6      | 76.7      | 76.7       | 76.8      | 76.9    |
| GE 14000              | 70.8                        | 74.4     | 75.5    | 76.2    | 76.8    | 77.0    | 77.3        | 77.5    | 77.5        | 77.6        | 77.7    | 77.7      | 77.8      | 77.8      | 77.8       | 77.9      | 78.0    |
| GE 12000              | 72.2                        | 75.9     | 77.0    | 77.8    | 78.4    | 78.6    | 78.9        | 79.1    | 79.1        | 79.3        | 79.3    | 79.4      | 79.5      | 79.5      | 79.5       | 79.5      | 79.7    |
| GE 10000              | 74.1                        | 78.1     | 79.3    | 80.1    | 80.8    | 81.0    | 81.3        | 81.6    | 81.6        | 81.8        | 81.9    | 81.9      | 82.0      | 82.0      | 82.0       | 82.1      | 82.2    |
| GE 9000               | 74.2                        | 78.3     | 79.4    | 80.2    | 81.0    | 81.2    | 81.5        | 81.7    | 81.8        | 82.0        | 82.0    | 82.1      | 82.1      | 82.2      | 82.2       | 82.3      | 82.4    |
| GE 8000               | 75.7                        | 80.0     | 81.3    | 82.2    | 83.0    | 83.2    | 83.5        | 83.8    | 83.8        | 84.0        | 84.1    | 84.1      | 84.2      | 84.2      | 84.2       | 84.3      | 84.5    |
| GE 7000               | 76.1                        | 80.5     | 81.9    | 82.8    | 83.6    | 83.8    | 84.2        | 84.5    | 84.5        | 84.7        | 84.8    | 84.8      | 84.9      | 84.9      | 84.9       | 85.0      | 85.2    |
| GE 6000               | 76.3                        | 80.8     | 82.2    | 83.1    | 84.0    | 84.2    | 84.6        | 84.9    | 84.9        | 85.1        | 85.2    | 85.2      | 85.3      | 85.3      | 85.3       | 85.4      | 85.6    |
| GE 5000               | 76.9                        | 81.6     | 83.0    | 84.0    | 84.9    | 85.1    | 85.5        | 85.8    | 85.9        | 86.1        | 86.2    | 86.2      | 86.3      | 86.3      | 86.3       | 86.4      | 86.6    |
| GE 4500               | 77.1                        | 81.8     | 83.3    | 84.3    | 85.2    | 85.4    | 85.8        | 86.1    | 86.2        | 86.4        | 86.5    | 86.5      | 86.6      | 86.6      | 86.6       | 86.7      | 86.9    |
| GE 4000               | 78.4                        | 83.4     | 85.1    | 86.1    | 87.1    | 87.4    | 87.8        | 88.1    | 88.2        | 88.4        | 88.5    | 88.5      | 88.6      | 88.7      | 88.7       | 88.7      | 88.9    |
| GE 3500               | 78.9                        | 84.0     | 85.7    | 86.7    | 87.8    | 88.0    | 88.5        | 88.8    | 88.9        | 89.1        | 89.2    | 89.2      | 89.3      | 89.4      | 89.4       | 89.4      | 89.6    |
| GE 3000               | 80.1                        | 85.7     | 87.4    | 88.6    | 89.8    | 90.0    | 90.6        | 90.9    | 91.0        | 91.2        | 91.3    | 91.4      | 91.5      | 91.5      | 91.5       | 91.6      | 91.7    |
| GE 2500               | 80.3                        | 86.1     | 87.9    | 89.1    | 90.3    | 90.6    | 91.1        | 91.5    | 91.6        | 91.8        | 91.9    | 92.0      | 92.1      | 92.1      | 92.1       | 92.2      | 92.3    |
| GE 2000               | 80.6                        | 86.6     | 88.5    | 89.8    | 91.1    | 91.4    | 92.0        | 92.4    | 92.5        | 92.7        | 92.9    | 92.9      | 93.0      | 93.0      | 93.0       | 93.1      | 93.3    |
| GE 1800               | 80.7                        | 86.7     | 88.6    | 89.9    | 91.2    | 91.5    | 92.1        | 92.6    | 92.6        | 92.9        | 93.0    | 93.1      | 93.2      | 93.2      | 93.2       | 93.3      | 93.4    |
| GE 1500               | 80.9                        | 87.0     | 89.0    | 90.4    | 91.7    | 92.1    | 92.7        | 93.2    | 93.2        | 93.5        | 93.7    | 93.7      | 93.8      | 93.8      | 93.8       | 93.9      | 94.1    |
| GE 1200               | 81.0                        | 87.2     | 89.3    | 90.7    | 92.2    | 92.5    | 93.2        | 93.7    | 93.8        | 94.1        | 94.2    | 94.3      | 94.4      | 94.4      | 94.4       | 94.5      | 94.7    |
| GE 1000               | 81.2                        | 87.5     | 89.6    | 91.1    | 92.6    | 93.0    | 93.8        | 94.4    | 94.4        | 94.8        | 94.9    | 95.0      | 95.1      | 95.1      | 95.1       | 95.2      | 95.3    |
| GE 900                | 81.2                        | 87.5     | 89.7    | 91.2    | 92.8    | 93.2    | 94.0        | 94.6    | 94.7        | 95.0        | 95.1    | 95.2      | 95.3      | 95.3      | 95.3       | 95.4      | 95.6    |
| GE 800                | 81.2                        | 87.6     | 89.8    | 91.3    | 93.0    | 93.4    | 94.3        | 94.9    | 95.0        | 95.4        | 95.5    | 95.6      | 95.7      | 95.7      | 95.7       | 95.8      | 96.0    |
| GE 700                | 81.2                        | 87.7     | 89.8    | 91.4    | 93.2    | 93.6    | 94.5        | 95.2    | 95.3        | 95.6        | 95.8    | 95.8      | 95.9      | 96.0      | 96.0       | 96.0      | 96.2    |
| GE 600                | 81.3                        | 87.7     | 89.9    | 91.5    | 93.3    | 93.8    | 94.7        | 95.5    | 95.6        | 95.9        | 96.1    | 96.2      | 96.3      | 96.3      | 96.3       | 96.4      | 96.6    |
| GE 500                | 81.3                        | 87.7     | 89.9    | 91.6    | 93.4    | 93.9    | 95.0        | 95.8    | 96.0        | 96.4        | 96.6    | 96.6      | 96.8      | 96.8      | 96.8       | 96.9      | 97.1    |
| GE 400                | 81.3                        | 87.7     | 89.9    | 91.6    | 93.5    | 94.0    | 95.2        | 96.1    | 96.3        | 96.8        | 97.0    | 97.1      | 97.3      | 97.3      | 97.3       | 97.4      | 97.7    |
| GE 300                | 81.3                        | 87.7     | 89.9    | 91.6    | 93.5    | 94.1    | 95.3        | 96.3    | 96.6        | 97.2        | 97.5    | 97.6      | 97.8      | 97.9      | 98.0       | 98.0      | 98.4    |
| GE 200                | 81.3                        | 87.7     | 89.9    | 91.6    | 93.5    | 94.1    | 95.3        | 96.4    | 96.7        | 97.3        | 97.7    | 97.8      | 98.2      | 98.3      | 98.6       | 98.6      | 99.3    |
| GE 100                | 81.3                        | 87.7     | 89.9    | 91.6    | 93.5    | 94.1    | 95.3        | 96.4    | 96.7        | 97.3        | 97.7    | 97.9      | 98.2      | 98.4      | 98.7       | 98.7      | 99.8    |
| GE 0                  | 81.3                        | 87.7     | 89.9    | 91.6    | 93.5    | 94.1    | 95.3        | 96.4    | 96.7        | 97.3        | 97.7    | 97.9      | 98.2      | 98.4      | 98.7       | 100.0     |         |

TOTAL NUMBER OF OBSERVATIONS: 87664

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS  <br>(LST)                                  | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |
| 00-02                                             | 21.7 |   |   | 17.3 |   |   |   |   |   | 11.2 | 49.8 | 6.5  | 874          |
| 03-05                                             | 17.1 |   |   | 15.4 |   |   |   |   |   | 12.2 | 55.3 | 7.1  | 884          |
| 06-08                                             | 7.9  |   |   | 19.8 |   |   |   |   |   | 15.5 | 56.8 | 7.7  | 901          |
| 09-11                                             | 4.7  |   |   | 21.1 |   |   |   |   |   | 20.8 | 53.4 | 7.6  | 907          |
| 12-14                                             | 3.6  |   |   | 23.3 |   |   |   |   |   | 25.7 | 47.3 | 7.7  | 917          |
| 15-17                                             | 4.2  |   |   | 26.6 |   |   |   |   |   | 28.7 | 40.5 | 7.4  | 921          |
| 18-20                                             | 10.5 |   |   | 25.8 |   |   |   |   |   | 20.2 | 43.4 | 6.9  | 910          |
| 21-23                                             | 19.9 |   |   | 21.3 |   |   |   |   |   | 13.2 | 45.6 | 6.4  | 894          |
| TOTALS                                            | 11.2 |   |   | 21.3 |   |   |   |   |   | 18.4 | 49.0 | 7.2  | 7208         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS  <br>(LST)                                  | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |
| 00-02                                             | 28.3 |   |   | 25.1 |   |   |   |   |   | 22.0 | 24.5 | 5.2  | 836          |
| 03-05                                             | 27.6 |   |   | 24.1 |   |   |   |   |   | 21.9 | 26.4 | 5.3  | 830          |
| 06-08                                             | 11.6 |   |   | 33.0 |   |   |   |   |   | 26.8 | 28.6 | 6.3  | 833          |
| 09-11                                             | 5.7  |   |   | 32.0 |   |   |   |   |   | 32.9 | 29.4 | 6.9  | 837          |
| 12-14                                             | 4.8  |   |   | 33.0 |   |   |   |   |   | 34.6 | 27.6 | 6.9  | 840          |
| 15-17                                             | 4.7  |   |   | 34.1 |   |   |   |   |   | 31.2 | 29.9 | 6.8  | 845          |
| 18-20                                             | 11.5 |   |   | 31.8 |   |   |   |   |   | 27.0 | 29.7 | 6.4  | 845          |
| 21-23                                             | 22.3 |   |   | 24.7 |   |   |   |   |   | 24.8 | 28.2 | 5.8  | 843          |
| TOTALS                                            | 14.6 |   |   | 29.7 |   |   |   |   |   | 27.7 | 28.0 | 6.2  | 6709         |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |               |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|---------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS. |
| 00-02                                             | 28.9 |   |   | 27.5 |   |   |   |   |   | 18.7 | 24.8 | 5.0  | 926           |
| 03-05                                             | 23.9 |   |   | 28.1 |   |   |   |   |   | 20.2 | 27.9 | 5.4  | 922           |
| 06-08                                             | 5.3  |   |   | 36.6 |   |   |   |   |   | 31.3 | 26.8 | 6.6  | 921           |
| 09-11                                             | 3.8  |   |   | 35.1 |   |   |   |   |   | 35.7 | 25.5 | 6.8  | 927           |
| 12-14                                             | 2.7  |   |   | 33.4 |   |   |   |   |   | 38.9 | 25.0 | 7.0  | 928           |
| 15-17                                             | 2.9  |   |   | 35.7 |   |   |   |   |   | 35.8 | 25.6 | 6.9  | 930           |
| 18-20                                             | 8.9  |   |   | 40.4 |   |   |   |   |   | 26.6 | 24.1 | 6.0  | 929           |
| 21-23                                             | 25.3 |   |   | 32.7 |   |   |   |   |   | 18.6 | 23.4 | 5.0  | 930           |
| TOTALS                                            | 12.7 |   |   | 33.7 |   |   |   |   |   | 28.2 | 25.4 | 6.1  | 7413          |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-87  
MONTH: APR

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |
| 00-02                                             | 37.0 |   |   | 31.2 |   |   |   |   |   | 16.0 | 15.8 | 4.0  | 900          |
| 03-05                                             | 32.3 |   |   | 34.2 |   |   |   |   |   | 15.4 | 18.0 | 4.2  | 960          |
| 06-08                                             | 12.2 |   |   | 43.1 |   |   |   |   |   | 29.0 | 16.7 | 5.5  | 896          |
| 09-11                                             | 10.4 |   |   | 41.3 |   |   |   |   |   | 34.8 | 13.4 | 5.7  | 900          |
| 12-14                                             | 7.7  |   |   | 40.6 |   |   |   |   |   | 36.6 | 15.2 | 6.0  | 900          |
| 15-17                                             | 6.9  |   |   | 41.9 |   |   |   |   |   | 35.1 | 16.1 | 6.0  | 900          |
| 18-20                                             | 12.6 |   |   | 46.6 |   |   |   |   |   | 28.2 | 12.7 | 5.2  | 900          |
| 21-23                                             | 33.8 |   |   | 34.2 |   |   |   |   |   | 18.7 | 13.3 | 4.0  | 900          |
| TOTALS                                            | 19.1 |   |   | 39.1 |   |   |   |   |   | 26.6 | 15.2 | 5.1  | 7196         |

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |     |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|-----|------|--------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | MEAN | TOTAL<br>OBS |
| 00-02                                             | 50.3 |   |   | 31.1 |   |   |   |   |   | 13.2 | 5.4 | 2.7  | 930          |
| 03-05                                             | 33.3 |   |   | 43.4 |   |   |   |   |   | 17.6 | 5.6 | 3.4  | 930          |
| 06-08                                             | 17.1 |   |   | 50.5 |   |   |   |   |   | 25.7 | 6.7 | 4.5  | 929          |
| 09-11                                             | 17.7 |   |   | 49.4 |   |   |   |   |   | 25.5 | 7.4 | 4.5  | 930          |
| 12-14                                             | 15.4 |   |   | 52.4 |   |   |   |   |   | 24.5 | 7.7 | 4.6  | 930          |
| 15-17                                             | 14.0 |   |   | 53.7 |   |   |   |   |   | 27.3 | 5.1 | 4.6  | 930          |
| 18-20                                             | 14.8 |   |   | 55.2 |   |   |   |   |   | 26.3 | 3.7 | 4.4  | 930          |
| 21-23                                             | 44.6 |   |   | 37.0 |   |   |   |   |   | 14.5 | 3.9 | 2.8  | 930          |
| TOTALS                                            | 25.9 |   |   | 46.6 |   |   |   |   |   | 21.8 | 5.7 | 3.9  | 7439         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |     |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|-----|------|--------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | MEAN | TOTAL<br>OBS |
| 00-02                                             | 57.6 |   |   | 31.1 |   |   |   |   |   | 8.2  | 3.1 | 2.0  | 900          |
| 03-05                                             | 38.9 |   |   | 44.6 |   |   |   |   |   | 12.6 | 4.0 | 2.9  | 900          |
| 06-08                                             | 25.2 |   |   | 56.3 |   |   |   |   |   | 14.9 | 3.6 | 3.4  | 900          |
| 09-11                                             | 22.4 |   |   | 59.7 |   |   |   |   |   | 14.2 | 3.7 | 3.4  | 899          |
| 12-14                                             | 16.7 |   |   | 68.1 |   |   |   |   |   | 12.0 | 3.2 | 3.4  | 900          |
| 15-17                                             | 15.1 |   |   | 69.0 |   |   |   |   |   | 13.1 | 2.8 | 3.5  | 900          |
| 18-20                                             | 21.2 |   |   | 60.2 |   |   |   |   |   | 15.8 | 2.8 | 3.5  | 900          |
| 21-23                                             | 48.2 |   |   | 38.3 |   |   |   |   |   | 10.6 | 2.9 | 2.4  | 900          |
| TOTALS                                            | 30.7 |   |   | 53.4 |   |   |   |   |   | 12.7 | 3.3 | 3.1  | 7199         |

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |     |      |              |  |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|-----|------|--------------|--|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | MEAN | TOTAL<br>OBS |  |
| 00-02                                             | 64.5 |   |   | 24.2 |   |   |   |   |   | 9.6  | 1.7 | 1.8  | 930          |  |
| 03-05                                             | 46.1 |   |   | 41.8 |   |   |   |   |   | 9.4  | 2.7 | 2.4  | 930          |  |
| 06-08                                             | 28.7 |   |   | 56.7 |   |   |   |   |   | 13.4 | 1.2 | 3.0  | 930          |  |
| 09-11                                             | 35.6 |   |   | 50.8 |   |   |   |   |   | 11.5 | 2.2 | 2.5  | 928          |  |
| 12-14                                             | 34.3 |   |   | 51.3 |   |   |   |   |   | 11.2 | 3.2 | 2.9  | 928          |  |
| 15-17                                             | 29.0 |   |   | 56.8 |   |   |   |   |   | 11.5 | 2.7 | 3.0  | 928          |  |
| 18-20                                             | 32.0 |   |   | 52.4 |   |   |   |   |   | 14.1 | 1.5 | 3.0  | 930          |  |
| 21-23                                             | 60.2 |   |   | 30.0 |   |   |   |   |   | 8.7  | 1.1 | 1.8  | 928          |  |
| TOTALS                                            | 41.3 |   |   | 45.5 |   |   |   |   |   | 11.2 | 2.0 | 2.6  | 7432         |  |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |     |      |              |  |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|-----|------|--------------|--|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | MEAN | TOTAL<br>OBS |  |
| 00-02                                             | 65.9 |   |   | 25.9 |   |   |   |   |   | 7.2  | 1.0 | 1.5  | 930          |  |
| 03-05                                             | 52.5 |   |   | 36.7 |   |   |   |   |   | 9.6  | 1.3 | 2.1  | 930          |  |
| 06-08                                             | 24.6 |   |   | 59.6 |   |   |   |   |   | 15.7 | .6  | 3.2  | 930          |  |
| 09-11                                             | 31.0 |   |   | 56.1 |   |   |   |   |   | 12.3 | .6  | 2.4  | 929          |  |
| 12-14                                             | 29.7 |   |   | 57.3 |   |   |   |   |   | 11.3 | 1.7 | 2.9  | 927          |  |
| 15-17                                             | 25.5 |   |   | 60.5 |   |   |   |   |   | 12.7 | 1.3 | 3.1  | 926          |  |
| 18-20                                             | 33.0 |   |   | 55.1 |   |   |   |   |   | 10.5 | 1.4 | 2.7  | 926          |  |
| 21-23                                             | 62.5 |   |   | 28.8 |   |   |   |   |   | 8.1  | .4  | 1.7  | 930          |  |
| TOTALS                                            | 40.6 |   |   | 47.4 |   |   |   |   |   | 10.9 | 1.1 | 2.5  | 7428         |  |

GLOBAL CLIMATOLOGY BRANCH  
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 7R-87  
MONTH: SEP

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |     |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|-----|------|--------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | MEAN | TOTAL<br>OBS |
| 00-02                                             | 62.1 |   |   | 23.2 |   |   |   |   |   | 10.4 | 4.2 | 2.1  | 895          |
| 03-05                                             | 56.6 |   |   | 28.2 |   |   |   |   |   | 11.3 | 3.9 | 2.3  | 900          |
| 06-08                                             | 25.3 |   |   | 51.4 |   |   |   |   |   | 19.2 | 4.2 | 3.7  | 891          |
| 09-11                                             | 30.6 |   |   | 46.8 |   |   |   |   |   | 19.0 | 3.6 | 3.5  | 883          |
| 12-14                                             | 29.2 |   |   | 49.4 |   |   |   |   |   | 18.3 | 3.2 | 3.4  | 881          |
| 15-17                                             | 24.7 |   |   | 53.7 |   |   |   |   |   | 17.6 | 4.0 | 3.6  | 884          |
| 18-20                                             | 35.5 |   |   | 47.0 |   |   |   |   |   | 13.9 | 3.6 | 3.0  | 893          |
| 21-23                                             | 57.8 |   |   | 29.6 |   |   |   |   |   | 8.4  | 4.2 | 2.1  | 896          |
| TOTALS                                            | 40.2 |   |   | 41.2 |   |   |   |   |   | 14.8 | 3.9 | 3.0  | 7123         |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 7R-87  
MONTH: OCT

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |
| 00-02                                             | 54.4 |   |   | 24.0 |   |   |   |   |   | 12.6 | 9.0  | 2.8  | 926          |
| 03-05                                             | 52.8 |   |   | 25.6 |   |   |   |   |   | 12.5 | 9.1  | 2.8  | 922          |
| 06-08                                             | 23.2 |   |   | 45.5 |   |   |   |   |   | 24.8 | 6.5  | 4.2  | 910          |
| 09-11                                             | 25.3 |   |   | 41.2 |   |   |   |   |   | 25.4 | 8.0  | 4.3  | 912          |
| 12-14                                             | 21.0 |   |   | 45.9 |   |   |   |   |   | 23.1 | 10.1 | 4.5  | 911          |
| 15-17                                             | 21.0 |   |   | 45.7 |   |   |   |   |   | 23.2 | 10.2 | 4.5  | 915          |
| 18-20                                             | 34.6 |   |   | 38.4 |   |   |   |   |   | 16.8 | 10.2 | 3.7  | 929          |
| 21-23                                             | 47.3 |   |   | 30.0 |   |   |   |   |   | 13.3 | 9.4  | 3.0  | 929          |
| TOTALS                                            | 35.0 |   |   | 37.0 |   |   |   |   |   | 19.0 | 9.1  | 3.7  | 7354         |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: NOV

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |  |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|--|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |  |
| 00-02                                             | 30.3 |   |   | 28.1 |   |   |   |   |   | 17.8 | 23.8 | 4.8  | 877          |  |
| 03-05                                             | 31.2 |   |   | 25.4 |   |   |   |   |   | 17.0 | 26.4 | 4.9  | 863          |  |
| 06-08                                             | 11.5 |   |   | 35.4 |   |   |   |   |   | 27.6 | 25.5 | 6.1  | 879          |  |
| 09-11                                             | 8.2  |   |   | 33.2 |   |   |   |   |   | 30.5 | 28.1 | 6.6  | 894          |  |
| 12-14                                             | 6.9  |   |   | 33.8 |   |   |   |   |   | 31.0 | 28.3 | 6.6  | 899          |  |
| 15-17                                             | 6.3  |   |   | 38.2 |   |   |   |   |   | 31.2 | 24.3 | 6.4  | 898          |  |
| 18-20                                             | 19.8 |   |   | 30.4 |   |   |   |   |   | 25.2 | 24.6 | 5.6  | 890          |  |
| 21-23                                             | 31.1 |   |   | 25.7 |   |   |   |   |   | 16.9 | 26.4 | 4.9  | 888          |  |
| TOTALS                                            | 18.2 |   |   | 31.3 |   |   |   |   |   | 24.7 | 25.9 | 5.7  | 7088         |  |

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |   |   |      |   |   |   |   |   |      |      |      |              |  |
|---------------------------------------------------|------|---|---|------|---|---|---|---|---|------|------|------|--------------|--|
| HOURS<br>(LST)                                    | 0    | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   | MEAN | TOTAL<br>OBS |  |
| 00-02                                             | 23.9 |   |   | 17.4 |   |   |   |   |   | 12.9 | 45.7 | 6.3  | 890          |  |
| 03-05                                             | 22.9 |   |   | 13.0 |   |   |   |   |   | 12.2 | 51.8 | 6.7  | 876          |  |
| 06-08                                             | 13.4 |   |   | 19.4 |   |   |   |   |   | 17.3 | 49.8 | 7.1  | 885          |  |
| 09-11                                             | 6.2  |   |   | 26.0 |   |   |   |   |   | 17.3 | 50.5 | 7.4  | 903          |  |
| 12-14                                             | 3.3  |   |   | 31.4 |   |   |   |   |   | 24.8 | 40.6 | 7.2  | 912          |  |
| 15-17                                             | 5.2  |   |   | 31.8 |   |   |   |   |   | 25.1 | 37.8 | 7.0  | 915          |  |
| 18-20                                             | 18.3 |   |   | 24.8 |   |   |   |   |   | 15.0 | 41.8 | 6.3  | 918          |  |
| 21-23                                             | 24.7 |   |   | 20.2 |   |   |   |   |   | 11.9 | 43.2 | 6.0  | 906          |  |
| TOTALS                                            | 14.7 |   |   | 23.0 |   |   |   |   |   | 17.1 | 45.2 | 6.6  | 7205         |  |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL

|                |     | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      |      | MEAN | TOTAL<br>OBS |
|----------------|-----|---------------------------------------------------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS<br>(LST) |     | 0                                                 | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   |      |              |
| JAN            | ALL | 11.2                                              |   |   | 21.3 |   |   |   |   |   | 18.4 | 49.0 | 7.2  | 7208         |
| FEB            |     | 14.6                                              |   |   | 29.7 |   |   |   |   |   | 27.7 | 28.0 | 6.2  | 6709         |
| MAR            |     | 12.7                                              |   |   | 33.7 |   |   |   |   |   | 28.2 | 25.4 | 6.1  | 7413         |
| APR            |     | 19.1                                              |   |   | 39.1 |   |   |   |   |   | 26.6 | 15.2 | 5.1  | 7196         |
| MAY            |     | 25.9                                              |   |   | 46.6 |   |   |   |   |   | 21.8 | 5.7  | 3.9  | 7439         |
| JUN            |     | 30.7                                              |   |   | 53.4 |   |   |   |   |   | 12.7 | 3.3  | 3.1  | 7199         |
| JUL            |     | 41.3                                              |   |   | 45.5 |   |   |   |   |   | 11.2 | 2.0  | 2.6  | 7432         |
| AUG            |     | 40.6                                              |   |   | 47.4 |   |   |   |   |   | 10.9 | 1.1  | 2.5  | 7428         |
| SEP            |     | 40.2                                              |   |   | 41.2 |   |   |   |   |   | 14.8 | 3.9  | 3.0  | 7123         |
| OCT            |     | 35.0                                              |   |   | 37.0 |   |   |   |   |   | 19.0 | 9.1  | 3.7  | 7354         |
| NOV            |     | 18.2                                              |   |   | 31.3 |   |   |   |   |   | 24.7 | 25.9 | 5.7  | 7088         |
| DEC            |     | 14.7                                              |   |   | 23.0 |   |   |   |   |   | 17.1 | 45.2 | 6.8  | 7205         |
| TOTALS         |     | 25.4                                              |   |   | 37.4 |   |   |   |   |   | 19.4 | 17.8 | 4.7  | 86794        |

|          |            |          |          |          |
|----------|------------|----------|----------|----------|
| PPPPPPPP | AAAAAA     | RRRRRRRR | TTTTTTTT | EEEEEEEF |
| PPPPPPPP | AAAAAAAA   | RRRRRRRR | TTTTTTTT | EEEEEEEE |
| PP PP    | AA AA      | RR RR    | TT       | EE       |
| PP PP    | AA AA      | RR RR    | TT       | FE       |
| PPPPPPPP | AA AA      | RRRRRRRR | TT       | EEEEEE   |
| PPPPPPPP | AAAAAAAAAA | RRRRRRRR | TT       | EEEEEE   |
| PP       | AAAAAAAAAA | RR RR    | TT       | EE       |
| PP       | AA AA      | RR RR    | TT       | EE       |
| PP       | AA AA      | RR RR    | TT       | EEEEEEEE |
| PP       | AA AA      | RR RR    | TT       | EEEEEEEE |

#### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

##### EXTREME MAXIMUM AND MINIMUM VALUES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

##### MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

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CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745160

STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| TEMP(F)   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| GE 115    |       |       |       |       |       | .2    | .1    |       | .3    |       |       |       | .6     |
| GE 110    |       |       |       |       |       | .1    | .1    |       |       |       |       |       | .1     |
| GE 105    |       |       |       |       |       | 1.4   | 1.3   | .6    | 1.1   |       |       |       | .4     |
| GE 100    |       |       |       |       | .3    | 5.1   | 5.9   | 4.9   | 3.7   |       |       |       | 1.7    |
| GE 95     |       |       |       | .1    | 2.3   | 12.7  | 16.3  | 14.9  | 13.3  | 1.9   |       |       | 5.1    |
| GE 90     |       |       |       | .9    | 7.6   | 22.9  | 34.1  | 31.8  | 27.8  | 6.2   |       |       | 11.0   |
| GE 85     |       |       | .1    | 4.6   | 15.8  | 34.1  | 58.0  | 52.9  | 45.9  | 16.2  | .4    |       | 19.1   |
| GE 80     |       |       | .7    | 11.9  | 28.9  | 53.0  | 78.8  | 77.2  | 66.8  | 30.7  | 2.6   |       | 29.3   |
| GE 75     | .1    | .6    | 6.3   | 25.5  | 47.9  | 77.8  | 93.7  | 94.2  | 84.7  | 53.5  | 8.5   | .1    | 41.2   |
| GE 70     | .6    | 4.3   | 17.0  | 43.0  | 70.5  | 93.4  | 99.0  | 98.6  | 96.7  | 76.0  | 19.5  | .6    | 51.7   |
| GE 65     | 4.2   | 17.9  | 35.3  | 65.6  | 90.8  | 98.5  | 99.9  | 99.9  | 99.9  | 93.0  | 41.9  | 5.1   | 62.7   |
| GE 60     | 15.7  | 49.3  | 66.3  | 87.5  | 98.7  | 99.7  | 100.0 | 100.0 | 100.0 | 98.9  | 68.5  | 20.9  | 75.4   |
| GE 55     | 42.3  | 79.6  | 90.8  | 96.4  | 99.9  | 99.9  |       |       |       | 100.0 | 90.2  | 48.0  | 87.2   |
| GE 50     | 73.1  | 95.1  | 98.9  | 99.6  | 100.0 | 100.0 |       |       |       |       | 97.6  | 74.4  | 94.8   |
| GE 45     | 90.5  | 99.5  | 99.9  | 100.0 |       |       |       |       |       |       | 99.9  | 91.0  | 98.4   |
| GE 40     | 96.2  | 100.0 | 100.0 |       |       |       |       |       |       |       | 100.0 | 98.2  | 99.7   |
| GE 35     | 99.8  |       |       |       |       |       |       |       |       |       |       | 99.8  | 100.0  |
| GE 30     | 100.0 |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| MEAN      | 53.1  | 59.3  | 62.6  | 68.8  | 75.1  | 81.8  | 86.3  | 85.6  | 84.0  | 75.8  | 63.4  | 53.8  | 70.8   |
| SD        | 6.491 | 5.768 | 6.679 | 8.526 | 8.804 | 9.624 | 8.004 | 7.862 | 8.696 | 8.237 | 7.416 | 6.736 | 14.153 |
| TOTAL OPS | 1395  | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350  | 1395  | 1350  | 1395  | 16274  |

GLOBAL CLIMATOLOGY BRANCH  
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CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745160

STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| TEMP(F)   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| GE 751    |       |       |       |       | .1    | .2    |       |       |       |       |       |       | .2     |
| GE 701    |       |       |       |       | .9    | .9    | .1    | .9    |       |       |       |       | .2     |
| GE 651    |       |       | .1    | .1    | .7    | 3.6   | 4.5   | 3.0   | 4.6   | .5    |       |       | 1.4    |
| GE 601    |       |       | .1    | .5    | 3.2   | 14.2  | 22.1  | 22.7  | 22.2  | 4.6   | .3    |       | 7.5    |
| GE 551    | .6    | 2.0   | 1.4   | 5.6   | 18.8  | 54.1  | 78.4  | 81.5  | 68.8  | 30.5  | 4.0   | .6    | 28.9   |
| GE 501    | 6.1   | 11.9  | 13.6  | 29.8  | 67.3  | 93.9  | 99.9  | 97.7  | 97.3  | 73.5  | 20.9  | 5.9   | 51.7   |
| GE 451    | 17.8  | 34.1  | 47.8  | 71.1  | 94.7  | 99.8  | 100.0 | 100.0 | 100.0 | 92.8  | 51.1  | 22.2  | 64.3   |
| GE 401    | 40.8  | 66.7  | 82.3  | 92.6  | 99.5  | 100.0 |       |       |       | 99.2  | 79.5  | 49.4  | 84.1   |
| GE 351    | 70.9  | 90.7  | 97.4  | 99.2  | 99.9  |       |       |       |       | 100.0 | 95.4  | 76.3  | 94.1   |
| GE 331    | 80.4  | 95.4  | 99.1  | 99.8  | 100.0 |       |       |       |       |       | 98.0  | 85.4  | 96.4   |
| GE 301    | 91.2  | 99.5  | 99.6  | 100.0 |       |       |       |       |       |       | 99.6  | 94.3  | 98.7   |
| GE 251    | 99.2  | 100.0 | 100.0 |       |       |       |       |       |       |       | 100.0 | 99.4  | 99.9   |
| GE 201    | 99.9  |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| GE 151    | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| MEAN      | 38.3  | 42.1  | 44.2  | 46.9  | 51.2  | 55.3  | 57.2  | 57.4  | 56.7  | 52.0  | 44.5  | 29.3  | 48.8   |
| SD        | 6.593 | 5.787 | 4.992 | 4.981 | 4.354 | 4.392 | 3.617 | 3.329 | 4.158 | 4.779 | 5.877 | 6.315 | 8.468  |
| TOTAL OBS | 1395  | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350  | 1395  | 1350  | 1395  | 16274  |

GLOBAL CLIMATOLOGY BRANCH  
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CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745160

STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| TEMP(F)   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| GE 901    |       |       |       |       |       | .3    | .3    |       | .1    |       |       |       | .1     |
| GE 851    |       |       |       |       | .1    | 1.9   | 2.2   | 1.1   | 1.2   |       |       |       | .5     |
| GE 801    |       |       |       | .1    | 1.0   | 7.7   | 9.0   | 8.4   | 7.6   | .4    |       |       | 2.8    |
| GE 751    |       |       |       | .2    | 5.2   | 19.2  | 27.5  | 27.0  | 23.5  | 4.2   |       |       | 6.9    |
| GE 701    |       |       |       | 3.3   | 15.0  | 38.2  | 66.1  | 63.9  | 53.7  | 13.9  | .1    |       | 21.3   |
| GE 651    |       | .1    | 1.8   | 14.6  | 37.8  | 73.2  | 93.5  | 94.8  | 85.9  | 43.9  | 3.6   |       | 37.5   |
| GE 601    | .4    | 3.6   | 12.7  | 38.4  | 73.2  | 96.2  | 99.9  | 99.9  | 99.3  | 90.7  | 15.9  | .6    | 51.8   |
| GE 551    | 6.5   | 22.6  | 39.6  | 70.5  | 95.7  | 99.8  | 100.0 | 100.0 | 100.0 | 96.9  | 47.9  | 7.7   | 65.6   |
| GE 501    | 24.9  | 62.3  | 80.1  | 93.6  | 99.6  | 100.0 |       |       |       | 99.9  | 79.3  | 32.2  | 80.9   |
| GE 451    | 59.0  | 90.8  | 98.0  | 99.2  | 100.0 |       |       |       |       | 100.0 | 96.9  | 64.4  | 92.2   |
| GE 401    | 88.4  | 99.6  | 100.0 | 100.0 |       |       |       |       |       |       | 99.9  | 91.3  | 98.2   |
| GE 351    | 98.6  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 99.1  | 99.8   |
| GE 301    | 99.9  |       |       |       |       |       |       |       |       |       |       | 99.9  | 100.0  |
| GE 251    | 100.0 |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| MEAN      | 45.9  | 50.9  | 53.6  | 58.0  | 63.3  | 68.8  | 72.0  | 71.7  | 70.6  | 64.1  | 54.2  | 46.8  | 60.0   |
| SD        | 5.400 | 4.702 | 4.864 | 5.960 | 5.947 | 6.495 | 5.316 | 5.013 | 5.595 | 5.410 | 5.457 | 5.391 | 10.799 |
| TOTAL OBS | 1395  | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350  | 1395  | 1350  | 1395  | 16274  |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| YEAR | WHOLE DEGREES FAHRENHEIT<br>-M-O-N-T-H-S- |     |     |     |     |     |     |     |     |     |     |     | ALL<br>MONTHS |
|------|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
|      | JAN                                       | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |               |
| 43   |                                           |     |     |     |     |     |     | 99  | 104 | 95  | 78  | 73  |               |
| 44   | 67                                        | 64  | 80  | 75  | 92  | 96  | 93  | 106 | 108 | 90  | 68  | 65  | 106           |
| 45   | 65                                        | 70  | 78  | 92  | 85  | 105 | 101 | 101 | 102 | 96  | 80  | 64  | 105           |
| 46   | 64                                        | 66  | 78  | 95  | 92  | 103 | 99  | 109 | 98  | 90  | 78  | 63  | 109           |
| 47   | 66                                        | 76  | 78  | 92  | 98  | 106 | 100 | 101 | 102 | 97  | 71  | 68  | 106           |
| 48   | 77                                        | 70  | 71  | 75  | 85  | 96  | 105 | 95  | 102 | 88  | 77  | 66  | 105           |
| 49   | 57                                        | 70  | 71  | 85  | 92  | 96  | 99  | 94  | 102 | 90  | 86  | 66  | 102           |
| 50   | 62                                        | 74  | 78  | 88  | 101 | 104 | 104 | 108 | 108 | 94  | 82  | 68  | 108           |
| 51   | 61                                        | 68  | 78  | 90  | 97  | 87  | 102 | 103 | 103 | 90  | 78  | 63  | 103           |
| 52   | 60                                        | 67  | 82  | 83  | 95  | 95  | 99  | 100 | 106 | 101 | 81  | 61  | 106           |
| 53   | 67                                        | 69  | 78  | 78  | 84  | 95  | 101 | 97  | 105 | 95  | 76  | 69  | 105           |
| 54   | 64                                        | 74  | 74  | 90  | 92  | 107 | 107 | 95  | 96  | 89  | 72  | 62  | 107           |
| 55   | 57                                        | 65  | 79  | 75  | 95  | 95  | 98  | 102 | 110 | 90  | 88  | 63  | 110           |
| 56   | 58                                        | 63  | 77  | 81  | 94  | 103 | 99  | 96  | 93  | 86  | 78  | 69  | 103           |
| 57   | 60                                        | 75  | 74  | 90  | 92  | 105 | 99  | 100 | 104 | 80  | 72  | 65  | 105           |
| 58   | 64                                        | 67  | 65  | 80  | 91  | 94  | 96  | 98  | 101 | 98  | 79  | 76  | 101           |
| 59   | 66                                        | 71  | 76  | 85  | 91  | 100 | 105 | 103 | 95  | 92  | 79  | 73  | 105           |
| 60   | 62                                        | 66  | 81  | 85  | 93  | 106 | 105 | 100 | 97  | 83  | 82  | 63  | 106           |
| 61   | 61                                        | 70  | 77  | 87  | 78  | 110 | 108 | 97  | 95  | 95  | 78  | 60  | 110           |
| 62   | 78                                        | 62  | 72  | 86  | 85  | 102 | 100 | 99  | 98  | 90  | 75  | 61  | 102           |
| 63   | 62                                        | 71  | 69  | 71  | 87  | 98  | 100 | 99  | 100 | 95  | 69  | 54  | 100           |
| 64   | 62                                        | 76  | 77  | 87  | 87  | 101 | 102 | 99  | 99  | 92  | 71  | 63  | 102           |
| 65   | 60                                        | 69  | 72  | 87  | 88  | 92  | 97  | 97  | 91  | 92  | 76  | 56  | 97            |
| 66   | 68                                        | 65  | 66  | 87  | 91  | 107 | 97  | 103 | 99  | 88  | 82  | 62  | 107           |
| 67   | 66                                        | 72  | 68  | 62  | 92  | 96  | 102 | 106 | 97  | 87  | 89  | 72  | 106           |
| 68   | 67                                        | 73  | 80  | 86  | 92  | 102 | 104 | 102 | 97  | 87  | 71  | 59  | 104           |
| 69   | 62                                        | 63  | 77  | 78  | 92  | 92  | 100 | 102 | 103 | 86  | 80  | 65  | 103           |
| 70   | 64                                        | 68  | 79  | 80  | 98  | 99  | 109 | 107 | 98  | 101 | 77  | 59  | 109           |
| 71   | 65                                        | 67  | 72  | 82  | 84  | 99  | 102 | 109 | 111 | 92  | 77  | 60  | 111           |
| 72   | 59                                        | 70  | 83  | 83  | 96  | 111 | 115 | 99  | 91  | 89  | 66  | 68  | 115           |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-86

| YEAR      | WHOLE DEGREES FAHRENHEIT |       |       |       |       |       |       |       |       |       |       |       | ALL MONTHS |
|-----------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
|           | JAN                      | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |            |
| 73        | 61                       | 67    | 68    | 85    | 96    | 105   | 105   | 97    | 94    | 88    | 71    | 62    | 105        |
| 74        | 70                       | 67    | 76    | 83    | 96    | 97    | 104   | 99    | 97    | 96    | 70    | 66    | 104        |
| 75        | 65                       | 70    | 71    | 73    | 96    | 99    | 108   | 102   | 100   | 88    | 76    | 66    | 108        |
| 76        | 71                       | 70    | 79    | 84    | 96    | 106   | 97    | 100   | 100   | 93    | 85    | 71    | 106        |
| 77        | 63                       | 77    | 76    | 86    | 90    | 102   | 105   | 102   | 99    | 87    | 77    | 69    | 105        |
| 78        | 62                       | 67    | 72    | 81    | 93    | 103   | 98    | 103   | 94    | 94    | 80    | 66    | 103        |
| 79        | 61                       | 68    | 75    | 75    | 97    | 101   | 103   | 101   | 98    | 90    | 70    | 69    | 103        |
| 80        | 64                       | 66    | 72    | 80    | 92    | 98    | 107   | 103   | 96    | 102   | 80    | 65    | 107        |
| 81        | 67                       | 69    | 70    | 93    | 90    | 105   | 99    | 106   | 93    | 86    | 75    | 64    | 106        |
| 82        | 63                       | 69    | 68    | 82    | 100   | 90    | 96    | 98    | 97    | 83    | 69    | 63    | 100        |
| 83        | 69                       | 63    | 66    | 73    | 91    | 95    | 102   | 102   | 100   | 87    | 73    | 66    | 102        |
| 84        | 65                       | 65    | 75    | 82    | 100   | 96    | 104   | 104   | 103   | 85    | 72    | 67    | 104        |
| 85        | 58                       | 75    | 75    | 86    | 88    | 108   | 106   | 99    | 99    | 99    | 85    | 64    | 108        |
| 86        | 65                       | 76    | 81    | 85    | 91    | 99    | 99    | 99    | 96    | 90    | 82    | 67    | 99         |
| 87        | 65                       | 70    | 74    | 87    | 100   | 101   | 97    | 103   | 98    | 99    | 72    | 64    | 103        |
| 88        | 65                       | 76    |       |       |       |       |       |       |       |       |       |       |            |
| MEAN      | 64.1                     | 69.2  | 75.2  | 83.0  | 92.2  | 100.2 | 101.8 | 101.0 | 99.5  | 91.2  | 76.6  | 65.0  | 105.1      |
| S.D.      | 4.396                    | 4.005 | 4.726 | 6.548 | 4.974 | 5.460 | 4.264 | 3.695 | 4.708 | 5.107 | 5.553 | 4.395 | 3.413      |
| TOTAL OBS | 1395                     | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350  | 1395  | 1350  | 1395  | 16274      |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-88

| YEAR | WHOLE DEGREES FAHRENHEIT<br>-M-O-N-T-H-S- |     |     |     |     |     |     |     |     |     |     |     | ALL<br>MONTHS |
|------|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
|      | JAN                                       | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |               |
| 43   |                                           |     |     |     |     |     |     | 53  | 50  | 36  | 31  | 30  |               |
| 44   | 29                                        | 30  | 33  | 35  | 45  | 45  | 50  | 49  | 48  | 46  | 33  | 30  | 29            |
| 45   | 27                                        | 31  | 33  | 35  | 41  | 46  | 50  | 49  | 47  | 42  | 35  | 24  | 24            |
| 46   | 26                                        | 29  | 37  | 38  | 45  | 47  | 53  | 50  | 51  | 35  | 35  | 30  | 26            |
| 47   | 25                                        | 32  | 40  | 40  | 48  | 51  | 51  | 54  | 50  | 44  | 32  | 27  | 25            |
| 48   | 29                                        | 30  | 34  | 36  | 42  | 49  | 52  | 54  | 47  | 41  | 30  | 26  | 26            |
| 49   | 21                                        | 29  | 38  | 44  | 45  | 42  | 51  | 53  | 51  | 39  | 38  | 27  | 21            |
| 50   | 24                                        | 30  | 35  | 41  | 40  | 45  | 54  | 48  | 50  | 43  | 41  | 40  | 24            |
| 51   | 30                                        | 31  | 34  | 42  | 45  | 47  | 50  | 52  | 51  | 45  | 37  | 31  | 30            |
| 52   | 29                                        | 35  | 36  | 41  | 42  | 45  | 53  | 51  | 52  | 48  | 33  | 37  | 29            |
| 53   | 35                                        | 37  | 36  | 37  | 42  | 48  | 51  | 53  | 54  | 44  | 38  | 34  | 34            |
| 54   | 33                                        | 33  | 36  | 42  | 47  | 48  | 53  | 51  | 50  | 40  | 30  | 33  | 30            |
| 55   | 27                                        | 31  | 34  | 38  | 45  | 49  | 51  | 50  | 48  | 43  | 37  | 35  | 27            |
| 56   | 35                                        | 31  | 34  | 40  | 46  | 50  | 52  | 53  | 53  | 41  | 36  | 28  | 28            |
| 57   | 27                                        | 32  | 40  | 43  | 47  | 54  | 55  | 52  | 54  | 47  | 36  | 34  | 27            |
| 58   | 32                                        | 40  | 36  | 41  | 48  | 55  | 54  | 56  | 53  | 50  | 32  | 34  | 22            |
| 59   | 32                                        | 35  | 43  | 46  | 45  | 51  | 53  | 54  | 53  | 48  | 39  | 31  | 31            |
| 60   | 26                                        | 38  | 41  | 40  | 41  | 52  | 52  | 52  | 50  | 47  | 32  | 29  | 26            |
| 61   | 23                                        | 39  | 38  | 39  | 44  | 51  | 53  | 53  | 52  | 44  | 37  | 33  | 23            |
| 62   | 26                                        | 32  | 37  | 43  | 46  | 49  | 52  | 52  | 52  | 47  | 33  | 23  | 23            |
| 63   | 22                                        | 37  | 32  | 33  | 40  | 49  | 51  | 54  | 51  | 41  | 32  | 27  | 22            |
| 64   | 28                                        | 29  | 32  | 30  | 39  | 48  | 51  | 53  | 45  | 45  | 26  | 28  | 26            |
| 65   | 27                                        | 31  | 36  | 35  | 34  | 47  | 51  | 55  | 47  | 46  | 34  | 22  | 22            |
| 66   | 27                                        | 30  | 29  | 40  | 45  | 44  | 52  | 52  | 48  | 43  | 32  | 27  | 27            |
| 67   | 30                                        | 32  | 34  | 31  | 41  | 51  | 55  | 54  | 56  | 45  | 34  | 24  | 24            |
| 68   | 19                                        | 35  | 37  | 40  | 39  | 52  | 55  | 50  | 48  | 41  | 33  | 25  | 19            |
| 69   | 26                                        | 32  | 34  | 37  | 41  | 49  | 52  | 52  | 51  | 38  | 27  | 28  | 26            |
| 70   | 24                                        | 32  | 34  | 34  | 43  | 50  | 56  | 50  | 47  | 36  | 39  | 28  | 24            |
| 71   | 27                                        | 32  | 28  | 32  | 41  | 46  | 54  | 52  | 47  | 36  | 34  | 27  | 27            |
| 72   | 25                                        | 32  | 36  | 37  | 41  | 47  | 54  | 53  | 49  | 40  | 34  | 23  | 23            |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIM TOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 43-YR

| YEAR      | WHOLE DEGREES FAHRENHEIT<br>-M-O-N-T-H-S- |       |       |       |       |       |       |       |       |       |       |       | ALL<br>MONTHS |
|-----------|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
|           | JAN                                       | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |               |
| 73        | 25                                        | 39    | 36    | 41    | 47    | 50    | 52    | 53    | 51    | 45    | 38    | 36    | 25            |
| 74        | 30                                        | 34    | 33    | 39    | 40    | 51    | 52    | 54    | 51    | 45    | 30    | 26    | 26            |
| 75        | 25                                        | 31    | 36    | 34    | 38    | 47    | 49    | 54    | 53    | 41    | 35    | 26    | 25            |
| 76        | 24                                        | 34    | 28    | 34    | 48    | 47    | 55    | 53    | 52    | 44    | 32    | 28    | 24            |
| 77        | 28                                        | 33    | 34    | 39    | 40    | 51    | 53    | 54    | 51    | 46    | 35    | 36    | 28            |
| 78        | 37                                        | 37    | 41    | 36    | 46    | 52    | 54    | 55    | 52    | 48    | 31    | 24    | 24            |
| 79        | 26                                        | 32    | 41    | 39    | 42    | 51    | 56    | 55    | 50    | 43    | 35    | 27    | 26            |
| 80        | 29                                        | 35    | 36    | 37    | 43    | 45    | 52    | 50    | 50    | 43    | 37    | 29    | 29            |
| 81        | 32                                        | 33    | 35    | 39    | 45    | 42    | 53    | 53    | 51    | 42    | 37    | 38    | 32            |
| 82        | 31                                        | 31    | 38    | 39    | 46    | 45    | 53    | 53    | 49    | 41    | 34    | 29    | 29            |
| 83        | 33                                        | 36    | 36    | 39    | 42    | 51    | 52    | 52    | 52    | 47    | 34    | 34    | 33            |
| 84        | 29                                        | 35    | 39    | 35    | 41    | 49    | 53    | 53    | 50    | 42    | 36    | 29    | 29            |
| 85        | 28                                        | 29    | 36    | 33    | 45    | 49    | 54    | 54    | 51    | 43    | 31    | 28    | 28            |
| 86        | 36                                        | 36    | 43    | 40    | 43    | 52    | 54    | 53    | 45    | 45    | 32    | 30    | 30            |
| 87        | 27                                        | 33    | 34    | 42    | 45    | 53    | 52    | 56    | 51    | 49    | 30    | 29    | 27            |
| 88        | 29                                        | 31    |       |       |       |       |       |       |       |       |       |       |               |
| MEAN      | 28.0                                      | 33.0  | 35.8  | 38.1  | 43.2  | 48.7  | 52.6  | 52.6  | 50.3  | 43.2  | 33.9  | 26.4  | 26.6          |
| S.D.      | 3.902                                     | 2.919 | 3.411 | 3.593 | 3.072 | 3.018 | 1.646 | 1.860 | 2.372 | 3.611 | 3.179 | 4.277 | 3.287         |
| TOTAL OBS | 1395                                      | 1272  | 1364  | 1320  | 1364  | 1320  | 1364  | 1385  | 1350  | 1395  | 1350  | 1295  | 16274         |

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88

| HOURS<br>LST | STATS   | JAN   | FEB   | MAR   | APR   | MAY    | JUN    | JUL    | AUG    | SEP    | OCT   | NOV   | DEC   | ANN    |
|--------------|---------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 00-02        | MEAN    | 43.2  | 47.8  | 49.9  | 52.0  | 56.0   | 58.8   | 60.6   | 61.1   | 61.0   | 57.2  | 49.2  | 43.8  | 53.4   |
|              | SD      | 5.559 | 6.203 | 4.888 | 4.956 | 5.321  | 4.703  | 4.538  | 3.809  | 4.745  | 5.029 | 5.922 | 6.316 | 8.191  |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10959  |
| 03-05        | MEAN    | 42.3  | 46.4  | 48.4  | 50.3  | 54.5   | 57.0   | 58.7   | 59.3   | 59.1   | 55.0  | 47.8  | 43.0  | 51.8   |
|              | SD      | 5.794 | 6.483 | 5.057 | 5.069 | 5.559  | 4.343  | 4.130  | 3.493  | 4.444  | 5.038 | 6.275 | 6.545 | 7.974  |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10959  |
| 06-08        | MEAN    | 41.6  | 45.8  | 49.0  | 52.7  | 58.8   | 61.9   | 62.4   | 61.9   | 61.0   | 55.7  | 47.3  | 42.3  | 53.4   |
|              | SD      | 5.909 | 6.642 | 5.135 | 5.550 | 6.512  | 6.382  | 5.750  | 4.855  | 5.458  | 5.423 | 6.431 | 6.887 | 9.664  |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10959  |
| 09-11        | MEAN    | 46.0  | 52.6  | 56.4  | 62.0  | 69.3   | 73.0   | 74.1   | 73.4   | 72.9   | 66.6  | 55.4  | 47.0  | 62.4   |
|              | SD      | 5.915 | 5.838 | 5.114 | 6.364 | 7.741  | 8.334  | 7.662  | 6.774  | 7.356  | 7.145 | 7.030 | 6.652 | 12.269 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10959  |
| 12-14        | MEAN    | 51.1  | 58.5  | 61.0  | 67.2  | 75.8   | 80.9   | 83.6   | 83.0   | 81.0   | 74.1  | 61.2  | 52.1  | 69.2   |
|              | SD      | 6.241 | 5.762 | 5.896 | 7.361 | 8.483  | 8.837  | 8.226  | 7.265  | 8.145  | 8.145 | 7.844 | 6.816 | 13.824 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10959  |
| 15-17        | MEAN    | 51.4  | 59.2  | 61.4  | 67.3  | 75.3   | 80.6   | 84.3   | 83.6   | 81.1   | 73.6  | 60.2  | 51.7  | 69.2   |
|              | SD      | 6.032 | 5.676 | 6.341 | 7.871 | 8.823  | 8.971  | 8.390  | 7.642  | 8.715  | 8.637 | 7.686 | 6.304 | 13.997 |
|              | TOT OBS | 930   | 847   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10957  |
| 18-20        | MEAN    | 46.9  | 53.4  | 55.7  | 59.7  | 65.9   | 70.5   | 73.4   | 72.0   | 70.3   | 64.3  | 54.2  | 47.2  | 61.2   |
|              | SD      | 5.125 | 5.364 | 5.369 | 6.711 | 7.845  | 8.337  | 7.941  | 7.013  | 7.390  | 6.673 | 6.044 | 5.573 | 11.385 |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10956  |
| 21-23        | MEAN    | 44.8  | 49.9  | 51.7  | 54.2  | 58.5   | 61.9   | 64.1   | 64.1   | 63.6   | 59.5  | 51.1  | 45.1  | 55.7   |
|              | SD      | 5.260 | 5.727 | 4.789 | 5.125 | 5.719  | 5.602  | 5.423  | 4.630  | 5.236  | 5.490 | 5.574 | 5.890 | 8.753  |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930    | 900    | 930    | 930    | 900    | 930   | 900   | 930   | 10956  |
| ALL          | MEAN    | 45.9  | 51.7  | 54.2  | 58.2  | 64.3   | 68.1   | 70.2   | 69.8   | 68.8   | 63.3  | 53.3  | 46.5  | 59.5   |
|              | SD      | 6.724 | 7.683 | 7.229 | 8.915 | 10.699 | 11.433 | 11.645 | 10.838 | 10.692 | 9.738 | 8.324 | 7.284 | 12.812 |
| HOURS        | TOT OBS | 7440  | 6784  | 7440  | 7200  | 7440   | 7200   | 7440   | 7440   | 7200   | 7440  | 7200  | 7440  | 87664  |

GLOBAL CLIMATOLOGY BRANCH  
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WET-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88

| HOURS<br>EST | STATS   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 00-02        | MEAN    | 40.8  | 44.1  | 45.6  | 47.3  | 50.4  | 53.1  | 54.7  | 55.6  | 54.9  | 51.8  | 44.6  | 40.8  | 48.7  |
|              | SD      | 5.543 | 5.932 | 4.831 | 4.445 | 4.093 | 3.211 | 2.963 | 2.368 | 3.478 | 4.468 | 5.565 | 6.225 | 6.949 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 930   | 930   | 900   | 930   | 10959 |
| 03-05        | MEAN    | 39.9  | 42.9  | 44.6  | 45.9  | 49.3  | 52.1  | 53.8  | 54.7  | 53.9  | 50.4  | 43.7  | 40.1  | 47.6  |
|              | SD      | 5.749 | 6.174 | 5.146 | 4.664 | 4.250 | 3.273 | 2.935 | 2.438 | 3.651 | 4.734 | 5.927 | 6.403 | 7.051 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 06-08        | MEAN    | 39.4  | 42.4  | 45.1  | 47.8  | 52.0  | 54.9  | 56.0  | 56.3  | 55.0  | 50.9  | 43.4  | 39.6  | 48.6  |
|              | SD      | 5.942 | 6.447 | 5.072 | 4.990 | 4.544 | 3.814 | 3.445 | 2.995 | 3.948 | 4.856 | 6.059 | 6.649 | 7.950 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 09-11        | MEAN    | 43.1  | 47.7  | 50.2  | 53.3  | 57.1  | 59.6  | 61.2  | 61.7  | 60.3  | 56.9  | 48.9  | 43.3  | 53.6  |
|              | SD      | 5.484 | 5.424 | 4.607 | 4.885 | 4.673 | 3.743 | 3.687 | 3.147 | 3.674 | 4.736 | 5.267 | 6.054 | 6.012 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 12-14        | MEAN    | 48.4  | 51.2  | 52.8  | 55.9  | 60.0  | 62.6  | 64.6  | 65.0  | 62.9  | 59.7  | 51.6  | 46.4  | 56.6  |
|              | SD      | 5.125 | 5.157 | 4.911 | 5.119 | 4.656 | 3.944 | 3.629 | 3.005 | 3.725 | 5.042 | 5.107 | 5.631 | 6.015 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 15-17        | MEAN    | 46.6  | 51.4  | 52.9  | 55.9  | 59.8  | 62.5  | 64.6  | 64.6  | 62.6  | 59.3  | 51.2  | 46.2  | 56.5  |
|              | SD      | 5.026 | 4.905 | 5.032 | 5.290 | 4.926 | 4.052 | 3.636 | 2.865 | 3.836 | 4.830 | 5.161 | 5.379 | 7.458 |
|              | TOT OBS | 930   | 847   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10957 |
| 18-20        | MEAN    | 43.6  | 46.1  | 49.7  | 52.0  | 55.5  | 58.2  | 60.2  | 60.2  | 58.6  | 55.4  | 48.1  | 43.4  | 52.8  |
|              | SD      | 5.024 | 5.114 | 4.855 | 5.073 | 4.896 | 4.103 | 3.890 | 3.067 | 3.846 | 4.423 | 5.252 | 5.485 | 7.454 |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10956 |
| 21-23        | MEAN    | 42.0  | 45.8  | 47.0  | 48.8  | 51.8  | 54.5  | 56.3  | 56.8  | 55.8  | 53.0  | 46.2  | 41.9  | 50.0  |
|              | SD      | 5.232 | 5.471 | 4.629 | 4.350 | 4.174 | 3.345 | 3.177 | 2.429 | 3.456 | 4.343 | 5.246 | 5.851 | 6.639 |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10956 |
| ALL<br>HOURS | MEAN    | 42.7  | 46.7  | 48.5  | 50.9  | 54.5  | 57.2  | 58.9  | 59.4  | 58.0  | 54.7  | 47.3  | 42.7  | 51.8  |
|              | SD      | 5.973 | 6.482 | 5.794 | 6.108 | 6.027 | 5.364 | 5.306 | 4.762 | 5.008 | 5.820 | 6.294 | 6.452 | 7.210 |
|              | TOT OBS | 7440  | 6784  | 7440  | 7200  | 7440  | 7200  | 7440  | 7440  | 7200  | 7440  | 7200  | 7440  | 87664 |

GLOBAL CLIMATOLOGY BRANCH  
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DEW-POINT TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88

| HOURS<br>LST | STATS   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 00-02        | MEAN    | 37.5  | 39.5  | 40.9  | 42.1  | 44.9  | 48.0  | 49.7  | 51.1  | 49.6  | 46.7  | 39.7  | 26.8  | 43.9  |
|              | SD      | 7.460 | 7.971 | 7.466 | 6.746 | 5.593 | 4.509 | 4.037 | 3.120 | 5.607 | 6.823 | 7.728 | 8.381 | 8.109 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 03-05        | MEAN    | 36.8  | 38.5  | 39.9  | 41.0  | 44.1  | 47.6  | 49.5  | 50.6  | 49.3  | 45.8  | 38.8  | 26.2  | 43.2  |
|              | SD      | 7.558 | 8.032 | 7.656 | 6.929 | 6.028 | 4.711 | 4.083 | 3.256 | 5.653 | 6.890 | 7.854 | 8.491 | 8.349 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 06-08        | MEAN    | 36.5  | 38.1  | 40.4  | 42.6  | 45.6  | 49.0  | 50.6  | 51.8  | 49.9  | 46.2  | 38.6  | 25.7  | 43.8  |
|              | SD      | 7.545 | 8.299 | 7.644 | 7.114 | 6.377 | 4.715 | 4.105 | 3.307 | 5.715 | 6.800 | 7.794 | 8.557 | 8.722 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 09-11        | MEAN    | 39.4  | 42.2  | 43.9  | 45.1  | 46.9  | 49.1  | 51.8  | 53.5  | 50.7  | 48.6  | 42.1  | 28.7  | 46.0  |
|              | SD      | 7.203 | 7.859 | 7.548 | 7.454 | 7.120 | 5.656 | 4.324 | 3.198 | 6.459 | 7.383 | 7.363 | 8.197 | 8.244 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 12-14        | MEAN    | 41.2  | 43.8  | 44.5  | 46.0  | 47.5  | 49.3  | 51.7  | 53.1  | 49.7  | 48.3  | 42.6  | 30.0  | 46.5  |
|              | SD      | 7.456 | 8.029 | 7.877 | 7.715 | 7.544 | 6.397 | 4.730 | 4.224 | 7.119 | 8.211 | 7.789 | 8.414 | 8.260 |
|              | TOT OBS | 930   | 849   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10959 |
| 15-17        | MEAN    | 41.2  | 43.7  | 44.7  | 46.1  | 47.7  | 49.1  | 51.1  | 52.2  | 48.9  | 47.7  | 42.2  | 29.7  | 46.2  |
|              | SD      | 7.426 | 7.979 | 7.846 | 7.432 | 7.117 | 6.278 | 5.120 | 4.501 | 7.197 | 7.980 | 7.962 | 8.395 | 8.132 |
|              | TOT OBS | 930   | 847   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10957 |
| 18-20        | MEAN    | 39.6  | 42.3  | 43.5  | 44.7  | 46.6  | 48.4  | 50.4  | 51.5  | 49.3  | 47.6  | 41.5  | 28.6  | 45.4  |
|              | SD      | 7.352 | 7.728 | 7.452 | 7.004 | 6.170 | 5.200 | 4.535 | 3.843 | 6.250 | 7.114 | 7.633 | 8.218 | 7.824 |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10956 |
| 21-23        | MEAN    | 38.4  | 41.0  | 41.8  | 43.0  | 45.6  | 48.0  | 49.8  | 51.0  | 49.1  | 47.0  | 40.6  | 27.6  | 44.4  |
|              | SD      | 7.399 | 7.581 | 7.267 | 6.594 | 5.428 | 4.552 | 4.089 | 3.395 | 5.956 | 6.865 | 7.426 | 8.170 | 7.764 |
|              | TOT OBS | 930   | 846   | 930   | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 930   | 10956 |
| ALL          | MEAN    | 38.8  | 41.1  | 42.5  | 43.8  | 46.1  | 48.6  | 50.6  | 51.9  | 49.6  | 47.2  | 40.7  | 27.9  | 44.9  |
|              | SD      | 7.621 | 8.207 | 7.821 | 7.349 | 6.572 | 5.333 | 4.473 | 3.754 | 6.292 | 7.335 | 7.832 | 8.484 | 8.265 |
| HOURS        | TOT OBS | 7440  | 6784  | 7440  | 7200  | 7440  | 7200  | 7440  | 7440  | 7200  | 7440  | 7200  | 7440  | 87664 |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: JAN

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |      |                      | MEAN | TOTAL |
|-------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|------|----------------------|------|-------|
|       |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | RELATIVE<br>HUMIDITY | NUM  | OBS   |
| JAN   | 00-02          | 100.0                                                  | 99.9  | 98.5 | 96.9 | 96.5 | 94.4 | 86.2 | 58.5 | 23.9 | 81.4                 | 930  |       |
|       | 03-05          | 100.0                                                  | 99.9  | 98.8 | 96.9 | 96.3 | 94.3 | 87.4 | 61.4 | 25.9 | 82.0                 | 930  |       |
|       | 06-08          | 100.0                                                  | 100.0 | 99.6 | 98.2 | 97.1 | 94.9 | 88.0 | 63.7 | 27.6 | 82.8                 | 930  |       |
|       | 09-11          | 100.0                                                  | 99.9  | 98.5 | 96.8 | 93.7 | 90.2 | 81.2 | 53.1 | 19.4 | 79.0                 | 930  |       |
|       | 12-14          | 100.0                                                  | 99.2  | 97.4 | 93.3 | 85.2 | 75.5 | 59.7 | 34.7 | 11.3 | 71.3                 | 930  |       |
|       | 15-17          | 100.0                                                  | 99.2  | 97.1 | 93.9 | 85.6 | 73.4 | 56.7 | 33.1 | 10.0 | 70.6                 | 930  |       |
|       | 18-20          | 100.0                                                  | 99.5  | 98.0 | 96.1 | 94.8 | 89.6 | 74.7 | 48.2 | 16.1 | 77.4                 | 930  |       |
|       | 21-23          | 100.0                                                  | 99.7  | 98.8 | 96.8 | 94.9 | 92.3 | 80.6 | 55.1 | 20.3 | 79.5                 | 930  |       |
|       | TOTALS         | 100.0                                                  | 99.7  | 98.3 | 96.1 | 93.0 | 88.1 | 76.8 | 51.0 | 19.3 | 78.0                 | 7440 |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 79-88  
MONTH: FEB

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     | MEAN                 | TOTAL      |
|-------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|-----|----------------------|------------|
|       |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | RELATIVE<br>HUMIDITY | NOF<br>OBS |
| FEB   | 00-02          | 100.0                                                  | 99.9  | 98.4 | 94.1 | 91.8 | 87.2 | 71.7 | 35.3 | 6.0 | 74.3                 | 845        |
|       | 03-05          | 100.0                                                  | 100.0 | 99.3 | 94.9 | 91.2 | 87.5 | 74.7 | 39.7 | 8.5 | 75.2                 | 845        |
|       | 06-08          | 100.0                                                  | 100.0 | 99.3 | 95.6 | 91.6 | 87.0 | 74.8 | 41.8 | 9.4 | 75.8                 | 845        |
|       | 09-11          | 100.0                                                  | 100.0 | 98.4 | 91.6 | 86.2 | 77.9 | 57.8 | 21.3 | 6.0 | 69.7                 | 845        |
|       | 12-14          | 100.0                                                  | 100.0 | 96.0 | 85.6 | 73.0 | 51.6 | 26.9 | 9.1  | 2.5 | 60.3                 | 845        |
|       | 15-17          | 100.0                                                  | 99.8  | 94.9 | 85.1 | 70.4 | 45.9 | 22.2 | 8.7  | 2.0 | 58.8                 | 847        |
|       | 18-20          | 100.0                                                  | 99.9  | 97.4 | 92.3 | 87.8 | 74.0 | 50.5 | 17.8 | 3.7 | 68.0                 | 846        |
|       | 21-23          | 100.0                                                  | 99.8  | 98.1 | 94.4 | 92.2 | 85.8 | 68.3 | 29.0 | 6.0 | 73.1                 | 846        |
|       | TOTALS         | 100.0                                                  | 99.9  | 97.7 | 91.7 | 85.5 | 74.6 | 55.9 | 25.3 | 5.5 | 69.4                 | 6784       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAR

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NUM<br>OBS |
|-------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|-----|------------------------------|---------------------|
|       |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                     |
| MAR   | 00-02          | 100.0                                                  | 99.6 | 97.2 | 95.7 | 92.4 | 83.3 | 63.7 | 31.9 | 5.1 | 72.7                         | 930                 |
|       | 03-05          | 100.0                                                  | 99.7 | 97.2 | 94.7 | 93.4 | 84.8 | 66.9 | 37.3 | 8.0 | 74.0                         | 930                 |
|       | 06-08          | 100.0                                                  | 99.8 | 97.5 | 94.4 | 92.6 | 84.5 | 66.6 | 38.2 | 6.5 | 73.8                         | 930                 |
|       | 09-11          | 100.0                                                  | 99.7 | 96.3 | 90.6 | 82.3 | 65.5 | 41.2 | 15.5 | 2.8 | 65.2                         | 930                 |
|       | 12-14          | 100.0                                                  | 99.2 | 94.4 | 85.7 | 69.4 | 45.1 | 20.6 | 6.7  | 1.7 | 57.8                         | 930                 |
|       | 15-17          | 100.0                                                  | 98.6 | 94.7 | 83.0 | 64.9 | 39.2 | 20.1 | 6.9  | 1.2 | 56.6                         | 930                 |
|       | 18-20          | 100.0                                                  | 99.2 | 97.6 | 94.0 | 83.7 | 67.4 | 40.8 | 13.4 | 2.2 | 65.6                         | 930                 |
|       | 21-23          | 100.0                                                  | 99.2 | 97.7 | 95.8 | 91.2 | 80.0 | 57.8 | 25.8 | 3.9 | 70.8                         | 930                 |
|       | TOTALS         | 100.0                                                  | 99.4 | 96.6 | 91.7 | 83.7 | 68.7 | 47.2 | 22.0 | 3.9 | 67.1                         | 7440                |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: APR

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     |                        | MEAN | TOTAL |
|--------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|-----|------------------------|------|-------|
|        |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | [RELATIVE<br>HUMIDITY] | NUM  | OBS   |
| APR    | 00-02          | 100.0                                                  | 99.9  | 98.3 | 94.4 | 89.0 | 79.0 | 61.2 | 24.3 | 2.9 | 70.6                   | 900  |       |
|        | 03-05          | 100.0                                                  | 100.0 | 98.8 | 94.2 | 90.1 | 80.4 | 65.9 | 29.4 | 4.2 | 72.1                   | 900  |       |
|        | 06-08          | 100.0                                                  | 100.0 | 98.6 | 94.3 | 89.0 | 76.9 | 60.0 | 21.0 | 2.6 | 70.0                   | 900  |       |
|        | 09-11          | 100.0                                                  | 99.7  | 94.6 | 83.1 | 64.7 | 41.3 | 16.9 | 3.3  | .8  | 56.1                   | 900  |       |
|        | 12-14          | 100.0                                                  | 98.7  | 88.9 | 70.3 | 43.8 | 18.8 | 6.1  | 2.4  | .3  | 48.7                   | 900  |       |
|        | 15-17          | 100.0                                                  | 98.6  | 88.4 | 71.1 | 45.1 | 18.1 | 5.9  | 1.4  | .7  | 48.7                   | 900  |       |
|        | 18-20          | 100.0                                                  | 99.3  | 96.7 | 89.8 | 73.0 | 50.6 | 21.4 | 4.6  | 1.1 | 59.5                   | 900  |       |
|        | 21-23          | 100.0                                                  | 99.6  | 97.8 | 95.0 | 86.8 | 72.7 | 48.6 | 14.3 | 1.1 | 67.6                   | 900  |       |
| TOTALS |                | 100.0                                                  | 99.5  | 95.3 | 86.5 | 72.7 | 54.7 | 35.8 | 12.6 | 1.7 | 61.7                   | 7200 |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: MAY

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN                   | TOTAL      |
|-------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|-----|------------------------|------------|
|       |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | [RELATIVE<br>HUMIDITY] | NUM<br>OBS |
| MAY   | 00-02          | 100.0                                                  | 99.4 | 97.8 | 96.3 | 92.7 | 77.5 | 44.1 | 11.5 | .2  | 67.7                   | 930        |
|       | 03-05          | 100.0                                                  | 99.0 | 97.2 | 95.1 | 92.6 | 82.5 | 53.4 | 17.6 | 1.9 | 69.6                   | 930        |
|       | 06-08          | 100.0                                                  | 98.5 | 96.3 | 91.9 | 85.4 | 64.7 | 35.1 | 7.4  | .4  | 63.6                   | 930        |
|       | 09-11          | 100.0                                                  | 95.4 | 86.3 | 70.1 | 42.8 | 15.1 | 3.2  | 1.0  |     | 47.1                   | 930        |
|       | 12-14          | 100.0                                                  | 91.8 | 73.8 | 45.1 | 17.6 | 3.8  | 1.3  | .5   | .1  | 39.0                   | 930        |
|       | 15-17          | 100.0                                                  | 93.0 | 77.1 | 48.0 | 19.7 | 4.1  | .9   | .1   |     | 39.8                   | 930        |
|       | 18-20          | 100.0                                                  | 98.5 | 93.3 | 81.2 | 54.1 | 24.3 | 6.8  | .5   |     | 51.6                   | 930        |
|       | 21-23          | 100.0                                                  | 99.4 | 97.8 | 96.3 | 87.6 | 61.9 | 28.9 | 6.1  | .2  | 63.6                   | 930        |
|       | TOTALS         | 100.0                                                  | 96.9 | 90.0 | 78.0 | 61.6 | 41.7 | 21.7 | 5.6  | .4  | 55.3                   | 7440       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUN

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NUM<br>OBS |
|-------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|-----|------------------------------|---------------------|
|       |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                     |
| JUN   | 00-02          | 100.0                                                  | 99.3 | 99.0 | 98.0 | 93.1 | 77.3 | 46.7 | 10.9 | .7  | 68.4                         | 900                 |
|       | 03-05          | 100.0                                                  | 99.3 | 98.4 | 97.9 | 96.2 | 87.2 | 60.0 | 20.1 | 1.1 | 72.0                         | 900                 |
|       | 06-08          | 100.0                                                  | 99.2 | 97.7 | 93.9 | 85.9 | 63.8 | 34.3 | 7.0  | .6  | 64.3                         | 900                 |
|       | 09-11          | 100.0                                                  | 94.4 | 84.9 | 67.4 | 37.4 | 10.9 | 1.9  | .2   |     | 45.3                         | 900                 |
|       | 12-14          | 99.7                                                   | 85.8 | 67.2 | 35.8 | 8.4  | 1.6  | .3   | .2   |     | 35.5                         | 900                 |
|       | 15-17          | 99.9                                                   | 67.0 | 67.4 | 36.4 | 8.7  | 1.0  |      |      |     | 35.5                         | 900                 |
|       | 18-20          | 99.9                                                   | 97.1 | 88.9 | 69.6 | 45.4 | 16.7 | 2.7  |      |     | 47.9                         | 900                 |
|       | 21-23          | 100.0                                                  | 99.3 | 97.7 | 93.7 | 81.3 | 60.7 | 27.0 | 2.4  |     | 62.0                         | 900                 |
|       | TOTALS         | 99.9                                                   | 95.2 | 87.7 | 74.1 | 57.1 | 39.9 | 21.6 | 5.1  | .3  | 53.9                         | 7200                |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: JUL

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     |                      | MEAN | TOTAL |
|-------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|-----|----------------------|------|-------|
|       |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | RELATIVE<br>HUMIDITY | NUM  | OBS   |
| JUL   | 00-02          | 100.0                                                  | 100.0 | 99.6 | 97.3 | 89.9 | 75.6 | 49.2 | 13.8 | .1  | 68.5                 | 930  |       |
|       | 03-05          | 100.0                                                  | 100.0 | 99.6 | 98.7 | 93.8 | 82.6 | 65.4 | 25.2 | 1.5 | 72.5                 | 930  |       |
|       | 06-08          | 100.0                                                  | 99.9  | 98.9 | 96.2 | 87.6 | 71.5 | 43.5 | 11.1 | .4  | 66.8                 | 930  |       |
|       | 09-11          | 100.0                                                  | 97.7  | 91.2 | 71.1 | 42.3 | 11.6 | 1.6  | .2   |     | 47.4                 | 930  |       |
|       | 12-14          | 100.0                                                  | 91.4  | 65.3 | 28.2 | 5.7  | 1.1  | .3   | .2   |     | 34.8                 | 930  |       |
|       | 15-17          | 100.0                                                  | 87.1  | 62.7 | 22.5 | 4.4  | 1.1  | .3   |      |     | 33.5                 | 930  |       |
|       | 18-20          | 100.0                                                  | 98.8  | 88.5 | 65.9 | 36.1 | 11.4 | 2.0  |      |     | 46.1                 | 930  |       |
|       | 21-23          | 100.0                                                  | 100.0 | 99.0 | 93.0 | 79.1 | 53.1 | 22.0 | 3.8  |     | 61.0                 | 930  |       |
|       | TOTALS         | 100.0                                                  | 96.9  | 88.1 | 71.6 | 54.9 | 38.5 | 23.0 | 6.8  | .3  | 53.8                 | 7440 |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: AUG

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--------------------------------------------------------|-------|-------|------|------|------|------|------|-----|------------------------------|------------------------|
|        |                | 10%                                                    | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                        |
| AUG    | 00-02          | 100.0                                                  | 100.0 | 100.0 | 99.0 | 95.6 | 82.4 | 51.4 | 16.1 | 1.0 | 70.5                         | 930                    |
|        | 03-05          | 100.0                                                  | 100.0 | 100.0 | 99.5 | 97.5 | 89.8 | 66.1 | 23.5 | 3.7 | 74.1                         | 930                    |
|        | 06-08          | 100.0                                                  | 100.0 | 99.6  | 98.8 | 94.1 | 80.9 | 50.9 | 15.1 | 2.3 | 70.3                         | 930                    |
|        | 09-11          | 100.0                                                  | 99.8  | 96.1  | 81.3 | 53.5 | 20.0 | 2.7  | .4   |     | 51.1                         | 930                    |
|        | 12-14          | 100.0                                                  | 93.7  | 74.0  | 36.1 | 8.9  | 1.2  | .1   | .1   |     | 37.2                         | 930                    |
|        | 15-17          | 100.0                                                  | 90.8  | 69.2  | 31.6 | 7.6  | .9   |      |      |     | 35.6                         | 930                    |
|        | 18-20          | 100.0                                                  | 99.0  | 93.1  | 76.9 | 50.2 | 21.1 | 4.9  | 1.1  |     | 50.3                         | 930                    |
|        | 21-23          | 100.0                                                  | 100.0 | 99.6  | 96.3 | 83.8 | 60.5 | 29.5 | 7.0  | .2  | 63.6                         | 930                    |
| TOTALS |                | 100.0                                                  | 97.9  | 91.5  | 77.4 | 61.4 | 44.6 | 25.7 | 7.9  | .9  | 56.6                         | 7440                   |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 7P-87  
MONTH: SEP

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     |                      | MEAN | TOTAL |
|-------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|-----|----------------------|------|-------|
|       |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | RELATIVE<br>HUMIDITY | NUM  | OBS   |
| SEP   | 00-02          | 100.0                                                  | 99.0 | 98.6 | 95.7 | 87.7 | 74.0 | 44.4 | 14.9 | 2.7 | 67.7                 | 900  |       |
|       | 03-05          | 100.0                                                  | 99.2 | 98.8 | 97.4 | 93.2 | 84.4 | 55.4 | 22.9 | 4.7 | 71.5                 | 900  |       |
|       | 06-08          | 100.0                                                  | 99.2 | 98.3 | 95.6 | 89.9 | 77.2 | 47.8 | 17.4 | 3.7 | 68.8                 | 900  |       |
|       | 09-11          | 100.0                                                  | 96.6 | 84.9 | 68.3 | 47.9 | 22.3 | 5.4  | .7   | .2  | 48.4                 | 900  |       |
|       | 12-14          | 99.7                                                   | 86.0 | 62.2 | 37.3 | 15.7 | 4.3  | 1.0  | .2   |     | 36.1                 | 900  |       |
|       | 15-17          | 99.1                                                   | 82.7 | 59.7 | 35.8 | 14.6 | 3.7  | 1.3  | .7   | .2  | 35.3                 | 900  |       |
|       | 18-20          | 100.0                                                  | 97.4 | 87.3 | 71.1 | 51.6 | 26.3 | 6.9  | 1.4  |     | 50.0                 | 900  |       |
|       | 21-23          | 100.0                                                  | 98.8 | 96.7 | 90.8 | 76.7 | 57.1 | 26.3 | 7.1  | .6  | 61.2                 | 900  |       |
|       | TOTALS         | 99.9                                                   | 94.9 | 85.8 | 74.0 | 59.7 | 43.7 | 23.6 | 8.2  | 1.4 | 54.9                 | 7200 |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: OCT

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     | MEAN                 | TOTAL      |
|--------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|-----|----------------------|------------|
|        |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% | RELATIVE<br>HUMIDITY | NUM<br>OBS |
| OCT    | 00-02          | 100.0                                                  | 99.5  | 97.5 | 94.7 | 90.1 | 78.7 | 54.8 | 19.8 | 5.1 | 69.7                 | 931        |
|        | 03-05          | 100.0                                                  | 100.0 | 97.6 | 96.6 | 92.5 | 84.0 | 64.3 | 25.1 | 7.6 | 72.4                 | 931        |
|        | 06-08          | 100.0                                                  | 100.0 | 98.3 | 95.8 | 91.0 | 83.3 | 61.6 | 22.9 | 8.2 | 71.9                 | 931        |
|        | 09-11          | 100.0                                                  | 98.5  | 91.4 | 79.4 | 61.6 | 38.9 | 16.3 | 3.7  | 1.0 | 55.0                 | 931        |
|        | 12-14          | 100.0                                                  | 93.3  | 76.5 | 54.2 | 29.8 | 10.9 | 3.8  | 1.6  | .1  | 42.8                 | 931        |
|        | 15-17          | 100.0                                                  | 91.9  | 75.1 | 53.9 | 32.0 | 14.1 | 4.8  | 1.3  | .2  | 42.9                 | 931        |
|        | 18-20          | 100.0                                                  | 98.0  | 93.7 | 82.7 | 68.0 | 44.7 | 20.6 | 6.5  | 1.0 | 57.3                 | 931        |
|        | 21-23          | 100.0                                                  | 99.6  | 96.5 | 91.3 | 82.9 | 68.9 | 40.5 | 14.4 | 2.8 | 65.4                 | 931        |
| TOTALS |                | 100.0                                                  | 97.6  | 90.8 | 81.1 | 68.5 | 52.9 | 33.3 | 11.9 | 3.3 | 59.7                 | 7441       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 72-87  
MONTH: NOV

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NUM<br>OBS |
|-------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|-----|------------------------------|---------------------|
|       |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                     |
| NOV   | 00-02          | 100.0                                                  | 99.3 | 98.0 | 96.1 | 92.3 | 81.2 | 58.3 | 22.0 | 7.0 | 71.2                         | 900                 |
|       | 03-05          | 100.0                                                  | 99.3 | 98.0 | 96.6 | 93.7 | 84.7 | 60.1 | 25.2 | 8.6 | 72.3                         | 900                 |
|       | 06-08          | 100.0                                                  | 99.9 | 98.6 | 97.0 | 94.2 | 85.4 | 61.4 | 27.3 | 9.6 | 73.0                         | 900                 |
|       | 09-11          | 100.0                                                  | 98.7 | 96.1 | 88.8 | 78.8 | 60.0 | 38.1 | 14.6 | 4.7 | 63.6                         | 900                 |
|       | 12-14          | 99.9                                                   | 97.3 | 89.3 | 75.3 | 56.6 | 33.6 | 19.2 | 7.1  | 2.0 | 53.7                         | 900                 |
|       | 15-17          | 99.8                                                   | 97.0 | 90.6 | 77.4 | 59.8 | 37.2 | 21.0 | 6.4  | 1.6 | 54.7                         | 900                 |
|       | 18-20          | 100.0                                                  | 99.4 | 97.1 | 92.2 | 82.3 | 62.7 | 37.4 | 10.8 | 3.1 | 64.2                         | 900                 |
|       | 21-23          | 100.0                                                  | 99.6 | 98.6 | 96.3 | 89.6 | 75.4 | 50.5 | 18.1 | 3.8 | 68.8                         | 900                 |
|       | TOTALS         | 100.0                                                  | 98.8 | 95.8 | 90.0 | 80.9 | 65.0 | 43.3 | 16.4 | 5.1 | 65.2                         | 7200                |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-87  
MONTH: DEC

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |      |                      | MEAN | TOTAL |
|--------|----------------|--------------------------------------------------------|-------|------|------|------|------|------|------|------|----------------------|------|-------|
|        |                | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | RELATIVE<br>HUMIDITY | NUM  | OBS   |
| DEC    | 00-02          | 100.0                                                  | 100.0 | 98.8 | 95.4 | 93.0 | 88.2 | 77.1 | 49.7 | 18.6 | 77.8                 | 930  |       |
|        | 03-05          | 100.0                                                  | 100.0 | 99.2 | 95.3 | 92.8 | 89.5 | 75.7 | 50.2 | 20.2 | 78.4                 | 930  |       |
|        | 06-08          | 100.0                                                  | 100.0 | 98.6 | 96.0 | 93.5 | 90.1 | 79.1 | 52.3 | 20.1 | 78.9                 | 930  |       |
|        | 09-11          | 100.0                                                  | 100.0 | 98.0 | 94.1 | 89.4 | 82.8 | 69.1 | 43.8 | 14.8 | 75.0                 | 930  |       |
|        | 12-14          | 100.0                                                  | 99.7  | 95.7 | 87.0 | 77.7 | 63.9 | 48.3 | 26.3 | 8.7  | 66.5                 | 930  |       |
|        | 15-17          | 100.0                                                  | 99.8  | 95.2 | 88.1 | 79.0 | 64.0 | 49.2 | 23.3 | 7.4  | 66.4                 | 930  |       |
|        | 18-20          | 100.0                                                  | 99.9  | 97.8 | 93.9 | 90.4 | 82.6 | 65.8 | 36.7 | 12.5 | 73.8                 | 930  |       |
|        | 21-23          | 100.0                                                  | 100.0 | 99.2 | 94.8 | 92.6 | 87.2 | 74.0 | 42.5 | 15.5 | 76.4                 | 930  |       |
| TOTALS |                | 100.0                                                  | 99.9  | 97.8 | 93.1 | 88.6 | 81.0 | 67.3 | 40.6 | 14.7 | 74.2                 | 7440 |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88  
MONTH: ALL

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO.<br>OBS. |
|--------|----------------|--------------------------------------------------------|------|------|------|------|------|------|------|------|------------------------------|----------------------|
|        |                | 10%                                                    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                      |
| JAN    | ALL            | 100.0                                                  | 99.7 | 98.3 | 96.1 | 93.0 | 88.1 | 76.8 | 51.0 | 19.3 | 78.0                         | 7441                 |
| FEB    |                | 100.0                                                  | 99.9 | 97.7 | 91.7 | 85.5 | 74.6 | 55.9 | 25.3 | 5.5  | 69.4                         | 6784                 |
| MAR    |                | 100.0                                                  | 99.4 | 96.6 | 91.7 | 83.7 | 68.7 | 47.2 | 22.0 | 3.9  | 67.1                         | 7441                 |
| APR    |                | 100.0                                                  | 99.5 | 95.3 | 86.5 | 72.7 | 54.7 | 35.8 | 12.6 | 1.7  | 61.7                         | 7201                 |
| MAY    |                | 100.0                                                  | 96.9 | 90.0 | 78.0 | 61.6 | 41.7 | 21.7 | 5.6  | .4   | 55.3                         | 7441                 |
| JUN    |                | 99.9                                                   | 95.2 | 87.7 | 74.1 | 57.1 | 39.9 | 21.6 | 5.1  | .3   | 53.9                         | 7201                 |
| JUL    |                | 100.0                                                  | 96.9 | 88.1 | 71.6 | 54.9 | 38.5 | 23.0 | 6.8  | .3   | 53.8                         | 7441                 |
| AUG    |                | 100.0                                                  | 97.9 | 91.5 | 77.4 | 61.4 | 44.6 | 25.7 | 7.9  | .9   | 56.6                         | 7441                 |
| SEP    |                | 99.9                                                   | 94.9 | 85.8 | 74.0 | 59.7 | 43.7 | 23.6 | 8.2  | 1.4  | 54.9                         | 7201                 |
| OCT    |                | 100.0                                                  | 97.6 | 90.8 | 81.1 | 68.5 | 52.9 | 33.3 | 11.9 | 3.3  | 59.7                         | 7441                 |
| NOV    |                | 100.0                                                  | 98.8 | 95.8 | 90.0 | 80.9 | 65.0 | 43.3 | 16.4 | 5.1  | 65.2                         | 7201                 |
| DEC    |                | 100.0                                                  | 99.9 | 97.8 | 93.1 | 88.6 | 81.0 | 67.3 | 40.6 | 14.7 | 74.2                         | 7441                 |
| TOTALS |                | 100.0                                                  | 98.1 | 93.0 | 83.8 | 72.3 | 57.8 | 39.6 | 17.8 | 4.7  | 62.5                         | 87664                |

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES ARE UNAVAILABLE FOR METAR REPORTING STATIONS.

GLOBAL CLIMATOLOGY BRANCH  
USAF/FLAC  
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88

| HOURS<br>LST | STATS   | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|--------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 01           | MEAN    | 30.041 | 29.994 | 29.929 | 29.927 | 29.850 | 29.826 | 29.806 | 29.809 | 29.816 | 29.911 | 29.992 | 30.051 | 29.912 |
|              | SD      | .181   | .174   | .171   | .111   | .093   | .085   | .087   | .079   | .090   | .102   | .160   | .161   | .157   |
|              | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 04           | MEAN    | 30.041 | 29.987 | 29.920 | 29.923 | 29.850 | 29.829 | 29.811 | 29.812 | 29.819 | 29.912 | 29.990 | 30.049 | 29.912 |
|              | SD      | .183   | .174   | .172   | .113   | .092   | .084   | .086   | .079   | .089   | .101   | .162   | .164   | .156   |
|              | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 07           | MEAN    | 30.052 | 30.004 | 29.945 | 29.951 | 29.882 | 29.860 | 29.845 | 29.848 | 29.852 | 29.940 | 30.006 | 30.059 | 29.937 |
|              | SD      | .185   | .175   | .175   | .115   | .093   | .084   | .086   | .078   | .089   | .101   | .166   | .169   | .153   |
|              | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 10           | MEAN    | 30.084 | 30.032 | 29.969 | 29.968 | 29.892 | 29.869 | 29.859 | 29.863 | 29.869 | 29.962 | 30.033 | 30.092 | 29.957 |
|              | SD      | .183   | .178   | .176   | .114   | .093   | .084   | .084   | .077   | .088   | .100   | .166   | .175   | .157   |
|              | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 13           | MEAN    | 30.038 | 29.996 | 29.941 | 29.940 | 29.864 | 29.845 | 29.833 | 29.831 | 29.832 | 29.915 | 29.988 | 30.043 | 29.922 |
|              | SD      | .177   | .176   | .170   | .110   | .093   | .083   | .087   | .077   | .088   | .099   | .161   | .173   | .152   |
|              | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 16           | MEAN    | 30.015 | 29.961 | 29.905 | 29.903 | 29.827 | 29.812 | 29.792 | 29.788 | 29.790 | 29.881 | 29.965 | 30.025 | 29.888 |
|              | SD      | .174   | .173   | .164   | .107   | .094   | .084   | .090   | .080   | .088   | .102   | .158   | .168   | .154   |
|              | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| 19           | MEAN    | 30.024 | 29.968 | 29.909 | 29.900 | 29.824 | 29.808 | 29.784 | 29.781 | 29.790 | 29.891 | 29.975 | 30.038 | 29.890 |
|              | SD      | .173   | .176   | .161   | .105   | .093   | .084   | .090   | .081   | .090   | .105   | .158   | .161   | .157   |
|              | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| 22           | MEAN    | 30.039 | 29.984 | 29.932 | 29.925 | 29.850 | 29.832 | 29.808 | 29.806 | 29.812 | 29.911 | 29.992 | 30.056 | 29.912 |
|              | SD      | .177   | .177   | .162   | .107   | .093   | .082   | .088   | .080   | .089   | .104   | .159   | .159   | .155   |
|              | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| ALL          | MEAN    | 30.042 | 29.991 | 29.931 | 29.930 | 29.855 | 29.835 | 29.817 | 29.817 | 29.823 | 29.915 | 29.993 | 30.051 | 29.916 |
|              | SD      | .180   | .176   | .170   | .112   | .095   | .086   | .090   | .083   | .093   | .104   | .162   | .167   | .157   |
| HOURS        | TOT OBS | 2480   | 2261   | 2480   | 2400   | 2480   | 2400   | 2480   | 2480   | 2400   | 2480   | 2400   | 2480   | 29221  |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745160 STATION NAME: TRAVIS AFB CA

PERIOD OF RECORD: 78-88

| HOURS | STATS   | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| LST   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 01    | MEAN    | 1020.0 | 1018.4 | 1016.2 | 1016.1 | 1013.5 | 1012.7 | 1012.0 | 1012.1 | 1012.4 | 1015.4 | 1018.3 | 1020.3 | 1015.6 |
|       | SD      | 6.141  | 5.903  | 5.785  | 3.757  | 3.129  | 2.869  | 2.962  | 2.677  | 3.073  | 3.452  | 5.409  | 5.450  | 5.314  |
|       | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 04    | MEAN    | 1020.0 | 1018.2 | 1015.9 | 1016.0 | 1013.5 | 1012.8 | 1012.2 | 1012.2 | 1012.4 | 1015.6 | 1018.3 | 1020.3 | 1015.6 |
|       | SD      | 6.217  | 5.914  | 5.837  | 3.836  | 3.125  | 2.852  | 2.925  | 2.681  | 3.027  | 3.436  | 5.496  | 5.557  | 5.300  |
|       | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 07    | MEAN    | 1020.4 | 1018.7 | 1016.7 | 1016.9 | 1014.6 | 1013.8 | 1013.4 | 1013.4 | 1013.6 | 1016.6 | 1018.8 | 1020.5 | 1016.4 |
|       | SD      | 6.259  | 5.969  | 5.947  | 3.929  | 3.118  | 2.867  | 2.897  | 2.622  | 3.026  | 3.411  | 5.626  | 5.735  | 5.189  |
|       | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 10    | MEAN    | 1021.4 | 1019.7 | 1017.6 | 1017.5 | 1014.9 | 1014.1 | 1013.8 | 1014.0 | 1014.2 | 1017.3 | 1019.7 | 1021.7 | 1017.1 |
|       | SD      | 6.222  | 6.036  | 5.978  | 3.881  | 3.158  | 2.826  | 2.860  | 2.592  | 2.992  | 3.384  | 5.634  | 5.937  | 5.338  |
|       | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 13    | MEAN    | 1019.9 | 1018.4 | 1016.6 | 1016.6 | 1014.0 | 1013.4 | 1012.9 | 1012.9 | 1012.9 | 1015.7 | 1018.2 | 1020.1 | 1015.9 |
|       | SD      | 5.989  | 5.976  | 5.786  | 3.745  | 3.144  | 2.820  | 2.924  | 2.619  | 2.987  | 3.357  | 5.479  | 5.867  | 5.154  |
|       | TOT OBS | 310    | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3653   |
| 16    | MEAN    | 1019.1 | 1017.3 | 1015.4 | 1015.3 | 1012.7 | 1012.2 | 1011.5 | 1011.4 | 1011.5 | 1014.6 | 1017.4 | 1019.4 | 1014.8 |
|       | SD      | 5.911  | 5.896  | 5.554  | 3.614  | 3.195  | 2.858  | 3.048  | 2.735  | 2.999  | 3.459  | 5.378  | 5.710  | 5.230  |
|       | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| 19    | MEAN    | 1019.4 | 1017.5 | 1015.5 | 1015.2 | 1012.6 | 1012.1 | 1011.3 | 1011.2 | 1011.5 | 1014.9 | 1017.8 | 1019.9 | 1014.9 |
|       | SD      | 5.891  | 5.984  | 5.440  | 3.578  | 3.157  | 2.859  | 3.059  | 2.748  | 3.028  | 3.548  | 5.353  | 5.471  | 5.323  |
|       | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| 22    | MEAN    | 1019.9 | 1018.0 | 1016.3 | 1016.1 | 1013.5 | 1012.9 | 1012.1 | 1012.0 | 1012.2 | 1015.6 | 1018.3 | 1020.5 | 1015.6 |
|       | SD      | 6.016  | 6.028  | 5.502  | 3.642  | 3.156  | 2.810  | 3.013  | 2.731  | 3.039  | 3.538  | 5.369  | 5.367  | 5.271  |
|       | TOT OBS | 310    | 282    | 310    | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310    | 3652   |
| ALL   | MEAN    | 1020.0 | 1018.3 | 1016.3 | 1016.2 | 1013.7 | 1013.0 | 1012.4 | 1012.4 | 1012.6 | 1015.7 | 1018.5 | 1020.3 | 1015.8 |
|       | SD      | 6.108  | 5.994  | 5.761  | 3.813  | 3.232  | 2.922  | 3.071  | 2.821  | 3.143  | 3.539  | 5.499  | 5.666  | 5.313  |
|       | TOT OBS | 2480   | 2261   | 2480   | 2400   | 2480   | 2400   | 2480   | 2480   | 2400   | 2480   | 2400   | 2480   | 29221  |